For Research Use Only

## FAT10 Polyclonal antibody Catalog Number: 13003-2-AP Featured Product 15 Publications





Basic Information	Catalog Number: 13003-2-AP	GenBank Accession Number: BC012472	Purification Method: Antigen affinity purification	
	Size: 500 µg/ml	GenelD (NCBI): 10537	Recommended Dilutions: WB 1:500-1:2000	
	Source: Rabbit	UNIPROT ID: 015205	IHC 1:500-1:2000	
	lsotype: IgG	Full Name: ubiquitin D		
	Immunogen Catalog Number: AG3680	Calculated MW: 165 aa, 18 kDa		
		Observed MW: 20 kDa, 70kDa		
Applications	Tested Applications:	Positiv	Positive Controls: NB : TNF alpha and IFN gamma treated HepG2 cells,	
	WB, IHC, ELISA	WB:T		
	Cited Applications: WB, IHC, IF		IHC : human tonsillitis tissue, human lung cancer tissue, human lymphoma tissue, human stomach cancer tissue	
	Species Specificity: human			
	Cited Species: human, mouse, rat			
	Note-IHC: suggested antige			
	TE buffer pH 9.0; (*) Altern retrieval may be performed buffer pH 6.0			
Background Informatio	<ul> <li>TE buffer pH 9.0; (*) Altern retrieval may be performed buffer pH 6.0</li> <li>FAT10, also named UBD, contains covalently attached to the target NUB1L-dependent manner. FAT10 immune response. FAT10 mediat and tubular cells during renal dis associated nephropathy (HIVAN). FAT10 regulates TNF-alpha-induu kappa-B by promoting TNF-alpha involved in dendritic cell (DC) ma competent antigen-presenting cell</li> </ul>	d with citrate two ubiquitin-like domains. It is a protein and subsequently leads to also has important roles in cell m es apoptosis in a caspase-depende tasses such as polycystic kidney dis It promotes the expression of the p ced and LPS-mediated activation of -mediated proteasomal degradation aturation, the process by which imr lls that initiate T-cell responses. F/	ubiquitin-like protein modifier that can be their degradation by the 265 proteasome, in a itosis, chromosome instability, apoptosis, and ent manner, especially in the renal epithelium sease and Human immunodeficiency virus (HIV proteasome subunit beta type-9 (PSMB9/LMP2) f the central mediator of innate immunity NF- on of ubiquitinated-I-kappa-B-alpha. It may be nature dendritic cells differentiate into fully AT10 may be a marker for precancerous lesions clonal antibody raised against full-length FAT:	
	<ul> <li>TE buffer pH 9.0; (*) Altern retrieval may be performed buffer pH 6.0</li> <li>FAT10, also named UBD, contains covalently attached to the target NUB1L-dependent manner. FAT10 immune response. FAT10 mediat and tubular cells during renal dis associated nephropathy (HIVAN). FAT10 regulates TNF-alpha-induk kappa-B by promoting TNF-alpha-involved in dendritic cell (DC) may competent antigen-presenting ce and may promote cancer progress of human origin.</li> </ul>	d with citrate two ubiquitin-like domains. It is a protein and subsequently leads to also has important roles in cell m es apoptosis in a caspase-depende eases such as polycystic kidney dis It promotes the expression of the p ced and LPS-mediated activation of -mediated proteasomal degradation aturation, the process by which imr lls that initiate T-cell responses. F/ sion. This antibody is a rabbit polyc	their degradation by the 26S proteasome, in a itosis, chromosome instability, apoptosis, and int manner, especially in the renal epithelium sease and Human immunodeficiency virus (HIV proteasome subunit beta type-9 (PSMB9/LMP2) f the central mediator of innate immunity NF- on of ubiquitinated-I-kappa-B-alpha. It may be nature dendritic cells differentiate into fully AT10 may be a marker for precancerous lesions clonal antibody raised against full-length FAT:	
	<ul> <li>TE buffer pH 9.0; (*) Altern retrieval may be performed buffer pH 6.0</li> <li>FAT10, also named UBD, contains covalently attached to the target NUB1L-dependent manner. FAT10 mediat and tubular cells during renal dis associated nephropathy (HIVAN). FAT10 regulates TNF-alpha-induc kappa-B by promoting TNF-alpha involved in dendritic cell (DC) may competent antigen-presenting ce and may promote cancer progress of human origin.</li> <li>Author</li> </ul>	d with citrate two ubiquitin-like domains. It is a protein and subsequently leads to 0 also has important roles in cell m es apoptosis in a caspase-depende eases such as polycystic kidney dis 11 promotes the expression of the p ced and LPS-mediated activation of -mediated proteasomal degradation aturation, the process by which imm Ils that initiate T-cell responses. F/ sion. This antibody is a rabbit polycom Pubmed ID Journal	their degradation by the 26S proteasome, in a itosis, chromosome instability, apoptosis, and int manner, especially in the renal epithelium sease and Human immunodeficiency virus (HI proteasome subunit beta type-9 (PSMB9/LMP2) f the central mediator of innate immunity NF- on of ubiquitinated-I-kappa-B-alpha. It may be nature dendritic cells differentiate into fully AT10 may be a marker for precancerous lesion	
	<ul> <li>TE buffer pH 9.0; (*) Altern retrieval may be performed buffer pH 6.0</li> <li>FAT10, also named UBD, contains covalently attached to the target NUB1L-dependent manner. FAT10 mediatia and tubular cells during renal dis associated nephropathy (HIVAN). FAT10 regulates TNF-alpha-induc kappa-B by promoting TNF-alpha involved in dendritic cell (DC) may competent antigen-presenting ce and may promote cancer progress of human origin.</li> <li>Author</li> <li>Masayuki Kimura</li> </ul>	two ubiquitin-like domains. It is a protein and subsequently leads to a lso has important roles in cell m es apoptosis in a caspase-depende eases such as polycystic kidney dis It promotes the expression of the p ced and LPS-mediated activation of mediated proteasomal degradatid aturation, the process by which imp lls that initiate T-cell responses. F/ sion. This antibody is a rabbit polyce Pubmed ID Journal 26558467 J Toxicol Sci	their degradation by the 26S proteasome, in a itosis, chromosome instability, apoptosis, and int manner, especially in the renal epithelium sease and Human immunodeficiency virus (HI) proteasome subunit beta type-9 (PSMB9/LMP2) f the central mediator of innate immunity NF- on of ubiquitinated-I-kappa-B-alpha. It may be nature dendritic cells differentiate into fully AT10 may be a marker for precancerous lesion clonal antibody raised against full-length FAT Application	
	<ul> <li>TE buffer pH 9.0; (*) Altern retrieval may be performed buffer pH 6.0</li> <li>FAT10, also named UBD, contains covalently attached to the target NUB1L-dependent manner. FAT10 immune response. FAT10 mediat and tubular cells during renal dis associated nephropathy (HIVAN). FAT10 regulates TNF-alpha-induu kappa-B by promoting TNF-alpha-induu kappa-B by promote cancer progress of human origin.</li> <li>Author</li> <li>Masayuki Kimura</li> </ul>	d with citrate two ubiquitin-like domains. It is a protein and subsequently leads to 0 also has important roles in cell m es apoptosis in a caspase-depende eases such as polycystic kidney dis 11 promotes the expression of the p ced and LPS-mediated activation of -mediated proteasomal degradation aturation, the process by which imm Ils that initiate T-cell responses. F/ sion. This antibody is a rabbit polycom Pubmed ID Journal	their degradation by the 26S proteasome, in a itosis, chromosome instability, apoptosis, and int manner, especially in the renal epithelium sease and Human immunodeficiency virus (HI proteasome subunit beta type-9 (PSMB9/LMP2 f the central mediator of innate immunity NF- on of ubiquitinated-I-kappa-B-alpha. It may be nature dendritic cells differentiate into fully AT10 may be a marker for precancerous lesion clonal antibody raised against full-length FAT Application IHC	
Background Informatio	<ul> <li>TE buffer pH 9.0; (*) Altern retrieval may be performed buffer pH 6.0</li> <li>FAT10, also named UBD, contains covalently attached to the target NUB1L-dependent manner. FAT10 immune response. FAT10 mediat and tubular cells during renal dis associated nephropathy (HIVAN). FAT10 regulates TNF-alpha-induu kappa-B by promoting TNF-alpha-induu kappa-B by promote cancer progress of human origin.</li> <li>Author</li> <li>Masayuki Kimura</li> </ul>	d with citrate two ubiquitin-like domains. It is a protein and subsequently leads to also has important roles in cell m es apoptosis in a caspase-depende eases such as polycystic kidney dis It promotes the expression of the p ead and LPS-mediated activation oi -mediated proteasomal degradatic aturation, the process by which imr lls that initiate T-cell responses. F/ sion. This antibody is a rabbit polyce Pubmed ID Journal 26558467 J Toxicol Sci 26011634 J Appl Toxicol 27663963 Immunobiolog r after shipment.	their degradation by the 26S proteasome, in a itosis, chromosome instability, apoptosis, and int manner, especially in the renal epithelium sease and Human immunodeficiency virus (HI) proteasome subunit beta type-9 (PSMB9/LMP2) f the central mediator of innate immunity NF- on of ubiquitinated-1-kappa-B-alpha. It may be nature dendritic cells differentiate into fully AT10 may be a marker for precancerous lesion clonal antibody raised against full-length FAT: Application IHC	

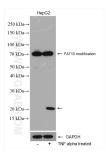
W: ptgcn.com

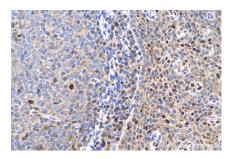
T: 4006900926

E: Proteintech-CN@ptglab.com

Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data

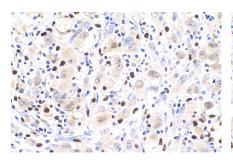




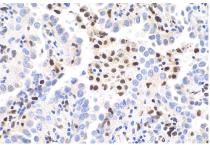
TNF alpha and IFN gamma treated HepG2 cells were subjected to SDS PAGE followed by western blot with 13003-2-AP (FAT10 antibody) at dilution of 1:1000 and incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffinembedded human tonsillitis tissue slide using 13003-2-AP (FAT10 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunohistochemical analysis of paraffinembedded human stomach cancer tissue slide using 13003-2-AP (FAT10 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human lymphoma tissue slide using 13003-2-AP (FAT10 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using 13003-2-AP (FAT10 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).