For Research Use Only

CYLD Polyclonal antibody Catalog Number:11110-1-AP Featured Product

Featured Product





Basic Information	Catalog Number:	GenBank Accession N	lumber:	Purification Method:	
	11110-1-AP BC012342			Antigen affinity purification	
	Concentration: 550 µg/ml	GenelD (NCBI): 1540		Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate	
	Source: Rabbit	UNIPROT ID: Q9NQC7			
	Isotype: IgG Immunogen Catalog Number: AG1598	Full Name: cylindromatosis (turban tumor syndroma)		IHC 1:50-1:500	
		Calculated MW:	Calculated MW:		
		Observed MW: 110 kDa			
Applications	Tested Applications:	Positive Con		itrols:	
	WB, IP, IHC, ELISA		WB : mouse brain tissue, HEK-293 cells, A431 cells,		
	Cited Applications: WB. IHC. IF. IP		Jurkat cells	Jurkat cells IP : mouse brain tissue,	
	Species Specificity:		IP : mouse bi		
	human, mouse, rat		human color	human colon tissue	
	Cited Species: human, mouse, rat				
	Note-IHC: suggested antige TE buffer pH 9.0; (*) Altern retrieval may be performed buffer pH 6.0	en retrieval with atively, antigen d with <mark>citrate</mark>			
Background Information	CYLD, also named as CYLD1, belongs to the peptidase C67 family. It is the protease that specifically cleaves 'Lys- 63'-linked polyubiquitin chains. CYLD has endodeubiquitinase activity and plays an important role in the regulation of pathways leading to NF-kappa-B activation. CYLD contributes to the regulation of cell survival, proliferation and differentiation via its effects on NF-kappa-B activation. It is a negative regulator of Wnt signaling. CYLD inhibits HDAC6 and thereby promotes acetylation of alpha-tubulin and stabilization of microtubules. CYLD plays a role in the regulation of microtubule dynamics, and thereby contributes to the regulation of cell proliferation, cell polarization, cell migration, and angiogenesis. It is required for normal cell cycle progress and normal cytokinesis. CYLD inhibits nuclear translocation of NF-kappa-B activation. It is dispensable for the maturation of intrathymic natural killer cells, but required for the continued survival of immature natural killer cells. CYLD negatively regulates TNFRSF 11A signaling and osteoclastogenesis. This antibody is a rabbit polyclonal antibody raised against residues near the C terminus of human CYLD.				
Notable Publications	Andhan	Dubus d D James	-1	Annelinetine	
	Hai-Yan Cui	74629821 World	a. 1 Gastroentero	Application WR	
	Xing Lin	27738385 Media	itors Inflamm	WB	
	Guixin Zhu	34497368 Nat Ce	ell Biol	WB	
Storage	Storage: Store at -20°C. Stable for one yea Storage Buffer: PBS with 0.02% sodium azide an Aliquoting is unnecessary for -20	r after shipment. d 50% glycerol pH 7.3. °C storage			

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11110-1-AP (CYLD antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded human colon cancer using 11110-1-AP (CYLD antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-CYLD (IP:11110-1-AP, 4ug; Detection:11110-1-AP 1:300) with mouse brain tissue lysate 4000ug.