For Research Use Only

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Cathepsin K Polyclonal antibody

Catalog Number:11239-1-AP 70 Publications



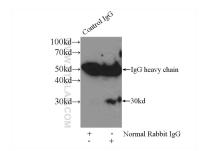
Group brand and is not available to purchase from any

other manufacturer.

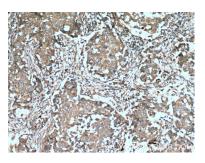
Basic Information	Catalog Number: 11239-1-AP	GenBank Accession Numb BC016058	er: Purification Method: Antigen affinity purification
	Size: 550 µg/ml	GenelD (NCBI): 1513	Recommended Dilutions: IP 0.5-4.0 ug for 1.0-3.0 mg of total
	Source:	UNIPROT ID:	protein lysate
	Rabbit	P43235	IHC 1:100-1:400 IF 1:50-1:500
	Isotype: IgG	Full Name: cathepsin K	
	Immunogen Catalog Number: AG1761	Calculated MW: 39 kDa	
		Observed MW: 29-36 kDa	
Applications	Tested Applications:	Ро	sitive Controls:
	IP, IF/ICC, IF-P, IHC, ELISA Cited Applications:	IP	ROS1728 cells,
	WB, IF, IHC		C : human breast cancer tissue, human lung cancer sue, human osteosarcoma tissue
	Species Specificity: human, mouse, rat		mouse brain tissue, HepG2 cells
	Cited Species: human, rat, mouse, zebrafish		
	Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0		
	buffer pH 6.0		
Background Information	CTSK(cathepsin K), also named CT synthesized as a proenzyme of 38 propeptide is cleaved and transfo through modifying extracellular r precursor and the 30-kDa mature detected in primary cultured fibro bands to be detected correspond t protein has a signal peptides with	kDa and subsequently enters a rmed into an active enzyme ar natrix components(PMID:1691 form in mouse bone extracts(PI blasts derived from normal an o pro- and mature proteins thro n 15 amino acids and a propept	
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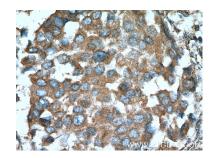
Selected Validation Data



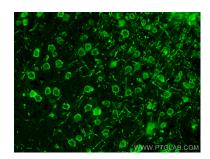
IP result of anti-Cathepsin K (IP:11239-1-AP, 3ug; Detection:11239-1-AP 1:500) with ROS1728 cells lysate 3200ug.



Immunohistochemical analysis of paraffinembedded human breast cancer tissue slide using 11239-1-AP (Cathepsin K antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human breast cancer tissue slide using 11239-1-AP (Cathepsin K antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Cathepsin K antibody (11239-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).