

For Research Use Only

ACP5 Polyclonal antibody

Catalog Number:11594-1-AP

Featured Product

29 Publications



Basic Information

Catalog Number: 11594-1-AP	GenBank Accession Number: BC025414	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 54	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: P13686	
Isotype: IgG	Full Name: acid phosphatase 5, tartrate resistant	
Immunogen Catalog Number: AG2065	Calculated MW: 325 aa, 37 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : pig tonsil tissue,
Cited Applications: WB, IHC, IF	
Species Specificity: human, pig	
Cited Species: human, mouse, rat	

Background Information

ACP5(acid phosphatase 5, tartrate resistant) is also named as TRAP, TrATPase and belongs to the metallophosphoesterase superfamily. It is an iron-containing glycoprotein with a molecular mass of approximately 34 kD. ACP5 is a histochemical marker of the osteoclast. It is also characteristic of monohistiocytes, particularly alveolar macrophages, and is associated with diverse pathological conditions, including hairy cell leukemia and AIDS encephalopathy.(PMID:10639488).

Notable Publications

Author	Pubmed ID	Journal	Application
Yi Yu	34585393	J Periodontol	
Hongbing Lin	36114617	Stem Cells Dev	
Tomoaki Saito	34718219	Bone	IHC

Storage

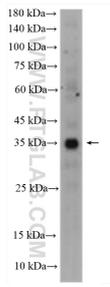
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



pig tonsil tissue was subjected to SDS PAGE followed by western blot with 11594-1-AP (ACP5 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.