

For Research Use Only

ACP5 Polyclonal antibody

Catalog Number:11594-1-AP

Featured Product

29 Publications



Basic Information

Catalog Number:

11594-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2065

GenBank Accession Number:

BC025414

GeneID (NCBI):

54

UNIPROT ID:

P13686

Full Name:

acid phosphatase 5, tartrate resistant

Calculated MW:

325 aa, 37 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, pig

Cited Species:

human, mouse, rat

Positive Controls:

WB : pig tonsil tissue,

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

For technical support and original validation data for this product please contact:

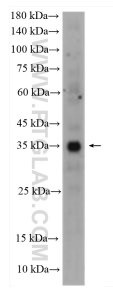
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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.