

For Research Use Only

ACP5 Polyclonal antibody

Catalog Number:27898-1-AP



Basic Information

Catalog Number: 27898-1-AP	GenBank Accession Number: BC025414	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 410 ug/ml by Nanodrop;	GeneID (NCBI): 54	Recommended Dilutions: WB: 1:500-1:2000
Source: Rabbit	UNIPROT ID: P13686	
Isotype: IgG	Full Name: acid phosphatase 5, tartrate resistant	
Immunogen Catalog Number: AG27383	Calculated MW: 325 aa, 37 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, MCF-7 cells, SW480 cells
Species Specificity: human	

Background Information

Tartrate-resistant acid phosphatase (TRAP/ACP5) is a metalloproteinase enzyme that maps to chromosome 19p13.2 and spans approximately 3 kb, belonging to the acid phosphatase family that catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. Accumulating studies have demonstrated that ACP5 broadly participates in various malignant processes including uncontrolled proliferation, chemotherapy resistance, cellular invasion and metastasis.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

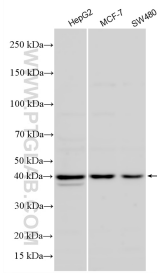
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27898-1-AP (ACP5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.