

Rabbit ACP5 Polyclonal Antibody | anti-ACP5 antibody

ACP5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326738	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

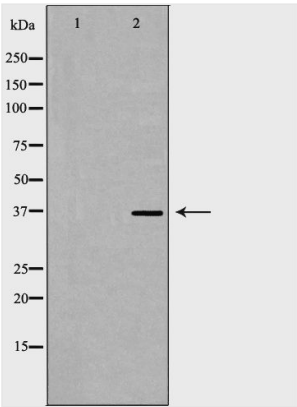
PRODUCT SYNONYMS

ACP5; Polyclonal Antibody; ACP5 Antibody; Type 5 acid phosphatase; Acid phosphatase 5 tartrate resistant; Acid phosphatase 5; tartrate resistant; EC 3.1.3.2; MGC117378; PPA5_HUMAN; serum band 5 tartrate-resistant acid phosphatase; SPENCDI; T5ap; Tartrate resistant acid ATPase; Tartrate resistant acid phosphatase type 5; Tartrate resistant acid phosphatase type 5 precursor; Tartrate-resistant acid ATPase; Tartrate-resistant acid phosphatase type 5; TR AP; TR-AP; TRACP 5; TRAP; TrATPase; anti-ACP5 antibody

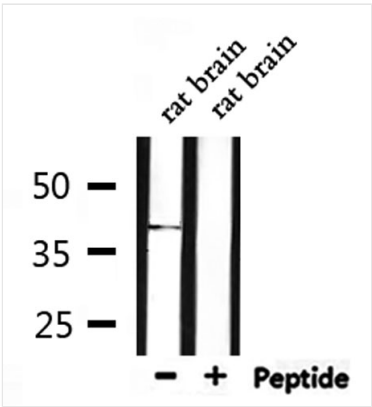
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ACP5 antibody detects endogenous levels of total ACP5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	325
Applicable Applications for anti-ACP5 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ACP5
Subcellular Location	Lysosome.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (92%), Horse (92%), Sheep (92%), Rabbit (100%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

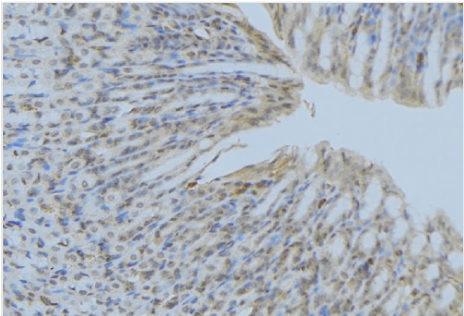
IMAGES



WB (Western Blot)
Western blot analysis of Jurkat whole cell lysates, using ACP5 Antibody. The lane on the left is treated with the antigen-specific peptide.



WB (Western Blot)
Western blot analysis of extracts from rat brain, using ACP5 Antibody.



IHC (Immunohistochemistry)
AAA326738 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-ACP5 antibody	Description: This gene encodes an iron containing glycoprotein which catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is the most basic of the acid phosphatases and is the only form not inhibited by L(+)-tartrate. Function: Involved in osteopontin/bone sialoprotein dephosphorylation. Its expression seems to increase in certain pathological states such as Gaucher and Hodgkin diseases, the hairy cell, the B-cell, and the T-cell leukemias. Subunit Structure: Exists either as monomer or, after proteolytic processing, as a dimer of two chains linked by disulfide bond(s). Similarity: Belongs to the metallophosphoesterase superfamily. Purple acid phosphatase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161377451
NCBI GeneID	54
NCBI Accession #	NP_001104504.1
NCBI GenBank Nucleotide #	NM_001111034.2
UniProt Accession #	P13686; Q2TAB1; Q6IAS6; Q9UCJ5; Q9UCJ6; Q9UCJ7; A8K3V2
Molecular Weight	Observed: 37 kDa Predicted: 37 kDa
NCBI Official Full Name	tartrate-resistant acid phosphatase type 5

NCBI Official Synonym Full Names	acid phosphatase 5, tartrate resistant
NCBI Official Symbol	ACP5
NCBI Official Synonym Symbols	HPAP; TRAP; TRACP5a; TRACP5b; TrATPase
NCBI Protein Information	tartrate-resistant acid phosphatase type 5
UniProt Protein Name	Tartrate-resistant acid phosphatase type 5
UniProt Gene Name	ACP5
UniProt Synonym Gene Names	TR-AP; TrATPase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/acp5-antibody-immunohistochemistry-western-blot-elisa/326738>