

Rabbit anti-Human, Mouse TRAP Polyclonal Antibody | anti-ACP5 antibody

TRAP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39576	Rabbit	Human, Mouse	Immunofluorescence, Western Blot, ELISA

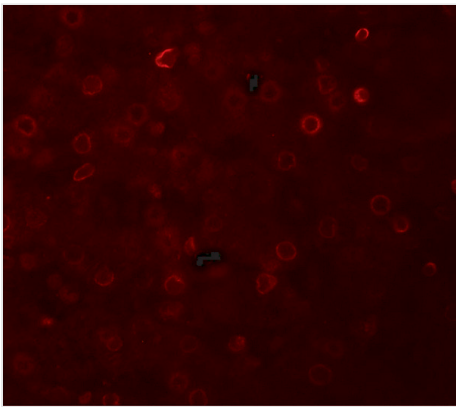
PRODUCT SYNONYMS

TRAP; Polyclonal Antibody; TRAP Antibody; SPENCDI; Tartrate-resistant acid phosphatase type 5; Tartrate-resistant acid ATPase; TR-AP; acid phosphatase 5; tartrate resistant; anti-ACP5 antibody

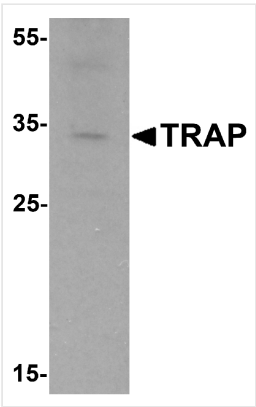
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TRAP Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	325
Applicable Applications for anti-ACP5 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TRAP antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human TRAP.
Buffer	TRAP Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TRAP antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of TRAP in human liver tissue with TRAP antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of TRAP in mouse brain tissue lysate with TRAP antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ACP5 antibody	TRAP Antibody: TRAP, also known as uteroferrin, is an iron containing, glycosylated, acid phosphatase. It is the most basic of the acid phosphatases and is the only form not inhibited by L(+)-tartrate. Along with the related protein ACP2, TRAP mediates the removal of mannose 6-phosphate residues from proteins targeted to lysosomes. TRAP is present in brain at low levels, but is expressed at a much higher level in liver.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161377453
NCBI GeneID	54
NCBI Accession #	NP_001104505
NCBI GenBank Nucleotide #	NM_001111035.1
UniProt Accession #	P13686; Q2TAB1; Q6IAS6; Q9UCJ5; Q9UCJ6; Q9UCJ7; A8K3V2
Molecular Weight	36,599 Da
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	TRAP; SPENCDI
NCBI Protein Information	tartrate-resistant acid phosphatase type 5; TrATPase; tartrate-resistant acid ATPase
UniProt Protein Name	Tartrate-resistant acid phosphatase type 5
UniProt Gene Name	ACP5
UniProt Synonym Gene Names	TR-AP; TrATPase
UniProt Entry Name	PPA5_HUMAN

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.