

Rabbit ALPL Polyclonal Antibody | anti-ALPL antibody

ALPL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325356	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

ALPL; Polyclonal Antibody; ALPL Antibody; AKP2; Alkaline phosphatase liver/bone/kidney; Alkaline phosphatase liver/bone/kidney isozyme; Alkaline phosphatase tissue nonspecific isozyme; Alkaline phosphatase; tissue-nonspecific isozyme; Alkaline phosphomonoesterase; Alpl; AP TNAP; AP-TNAP; APTNAP; BAP; FLJ40094; FLJ93059; Glycerophosphatase; HOPS; Liver/bone/kidney type alkaline phosphatase; MGC161443; MGC167935; PHOA; PPBT_HUMAN; Tissue non specific alkaline phosphatase; Tissue nonspecific ALP; TNAP; TNSALP; anti-ALPL antibody

PRODUCT SPECIFICATIONS

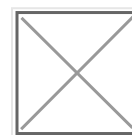
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ALPL antibody detects endogenous levels of total ALPL
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	524
Applicable Applications for anti-ALPL antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (83%), Bovine (83%), Horse (83%), Sheep (83%), Rabbit (100%), Dog (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA325356 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using ALPL antibody. The lane on the left is treated with the antigen-specific peptide.



WB (Western Blot)

Western blot analysis of extracts from Hela, using ALPL Antibody. Lane 1 was treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ALPL antibody	Function: This isozyme may play a role in skeletal mineralization. Subunit Structure: Homodimer. Post-translational Modifications: N-glycosylated. Similarity: Belongs to the alkaline phosphatase family.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	116734717
NCBI GeneID	249
NCBI Accession #	NP_000469.3
NCBI GenBank Nucleotide #	NM_000478.5
UniProt Accession #	P05186; O75090; Q2TAI7; Q59EJ7; Q5BKZ5; Q5VTG5; Q6NZI8; Q8WU32; A1A4E7; B2RMP8; B7Z387; B7Z4Y6
Molecular Weight	Observed: 57 kD Predicted: 58 kDa
NCBI Official Full Name	alkaline phosphatase, tissue-nonspecific isozyme isoform 1 preproprotein
NCBI Official Synonym Full Names	alkaline phosphatase, biomineralization associated
NCBI Official Symbol	ALPL
NCBI Official Synonym Symbols	HOPS; TNAP; TNALP; APTNAP; TNSALP; AP-TNAP
NCBI Protein Information	alkaline phosphatase, tissue-nonspecific isozyme
UniProt Protein Name	Alkaline phosphatase, tissue-nonspecific isozyme
UniProt Gene Name	ALPL
UniProt Synonym Gene Names	AP-TNAP; TNSALP

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/alpl-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325356>