

Rabbit Alkaline Phosphatase Polyclonal Antibody | anti-ALPL antibody

Polyclonal Antibody to Alkaline Phosphatase, Liver/Bone/Kidney (ALPL)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142839	Rabbit	Human, Mouse, Rat, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Alkaline Phosphatase; Polyclonal Antibody; Polyclonal Antibody to Alkaline Phosphatase; Liver/Bone/Kidney (ALPL); anti-ALPL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ALPL. It has been selected for its ability to recognize ALPL in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHSSGLV PRGSHMASMT GGQMGGRGSE F-LVPEKEK PKYWRDQAQE TLKYALELQK LNTNVAKNVI MFLGDGMGVS TVTAARILKG QLHNHPGEET RLEMDKFPFV ALSKTYNTNA QVPDSAGTAT AYLCGVKANE GTVGVSAAE RSRCNTTQGN EVTSILRWAK DAGKSVGIVT TTRVNHATPS AAYAHSAADR WYSDNEMPPE ALSQGCKDIA YQLMHNIRDI DVIMGGGRKY MYPKNKTDVE YESDEKARGT RLDGLDLVDT WKSFKPRYKH SHFIWNRTTEL LTLDPHNVDY LLGLFEPGDM QYELNRNNVT DPSLSEMVVV AIQILRKNPK GFFLL
Sequence Length	683
Applicable Applications for anti-ALPL antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	ALPL (Leu18~Arg335)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse, Pig
Conjugate	No Conjugate
Immunogen	Recombinant ALPL (Leu18~Arg335) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Glioma Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Pancreas Cancer Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Breast Cancer Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant ALPL, Human.



WB (Western Blot)
Western Blot: Sample: Human Hela Cells.

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	51,045 Da
NCBI Official Full Name	alkaline phosphatase, tissue-nonspecific isozyme isoform 1 preproprotein
NCBI Official Synonym Full Names	alkaline phosphatase, liver/bone/kidney
NCBI Official Symbol	ALPL
NCBI Official Synonym Symbols	HOPS; TNAP; 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.