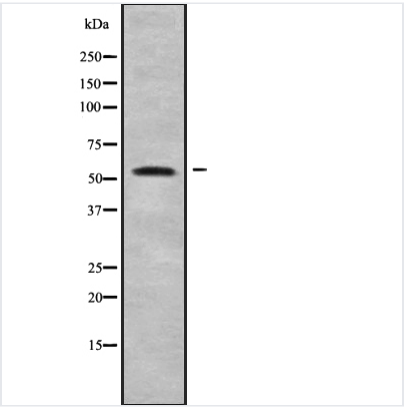
ALPPL2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ALPPL2, Polyclonal Antibody
Full Product Name	ALPPL2 Antibody
Product Gene Name	anti-ALPPL2 antibody
Product Synonym Names	Akp5; Alkaline phosphatase; Alkaline phosphatase Nagao isozyme; Alkaline phosphatase placental like; ALP 1; ALP-1; ALP1; ALPG; ALPPL 2; ALPPL; ALPPL2; C77216; D1Ertd816e; GCAP; Germ cell alkaline phosphatase; Nagao isozyme; Placental alkaline phosphatase-like; Placental like alkaline phosphatase; placental-like; PLAP like; PLAP-like; PPBN_HUMAN; Testicular and thymus alkaline phosphatase
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Concentration	1mg/ml (lot specific)
Specificity	ALPPL2 antibody detects endogenous levels of total ALPPL2
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	ALPPL2 peptide (MBS9628054) is used for blocking the activity of ALPPL2 antibody (MBS9609350)
Molecular Weight	Observed: 57 kDa Predicted: 58 kDa
3D Structure	ModBase 3D Structure for P10696
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide derived from human ALPPL2
Subcellular Location	Cell Membrane
Tissue Specificity	Trace amounts in the testis and thymus, and in elevated amounts in germ cell tumors.
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ALPPL2 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-ALPPL2 antibody	WB: 1:1000-3000
Related Product Information for anti-ALPPL2 antibody	Function: In most mammals there are four different isozymes: placental, placental-like, intestinal and tissue non-specific (liver/bone/kidney). Subunit Structure: Homodimer. Similarity: Belongs to the alkaline phosphatase family.

Other Notes	Small volumes of anti-ALPPL2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ALPPL2 purchase	MBS9609350 is an antibody targeting ALPPL2. Also known as ALPPL2 Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ALPPL2 antibody
Western blot analysis of ALPPL2 using Jurkat whole cell lysates

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ALPPL2. It may not necessarily be applicable to this product.

NCBI GI #	157266296
NCBI GeneID	251
NCBI Accession #	NP_112603.2
UniProt Primary Accession #	P10696
UniProt Secondary Accession #	Q16727; Q53S81; Q96CM1; A8KAF2
UniProt Related Accession #	P10696
GenBank Nucleotide #	NM_031313.2
NCBI Official Full Name	alkaline phosphatase, germ cell type preproprotein
NCBI Official Synonym Full Names	alkaline phosphatase, germ cell
NCBI Official Symbol	ALPG
NCBI Official Synonym Symbols	GCAP; ALPPL; ALPPL2
UniProt Protein Name	Alkaline phosphatase, germ cell type
UniProt Synonym Protein Names	ALP-1; Alkaline phosphatase Nagao isozyme; Alkaline phosphatase, placental-like; Germ cell alkaline phosphatase; GCAP; Placental alkaline phosphatase-like; PLAP-like
Protein Family	Alkaline phosphatase
UniProt Gene Name	ALPG
UniProt Synonym Gene Names	GCAP; PLAP-like
NCBI Protein Information	alkaline phosphatase, germ cell type
NCBI Summary for ALPPL2	There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The product of this gene is a membrane bound glycosylated enzyme, localized to testis, thymus and certain germ cell tumors, that is closely related to both the placental and intestinal forms of alkaline phosphatase. [provided by RefSeq, Jul 2008]

UniProt Comments for ALPPL2	MiscellaneousIn most mammals there are four different isozymes: placental, germ cell, intestinal and tissue non-specific (liver/bone/kidney).
Research Articles on ALPPL2	**1.** aptamer-mediated identification of ALPPL-2 on the cell surface and cell secretions of pancreatic cancer cells supports its potential use in the serum- and membrane-based diagnosis of PDAC
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