

Rabbit anti-Human Placental alkaline phosphatase (PLAP) Polyclonal Antibody | anti-PLAP antibody

Placental alkaline phosphatase (PLAP) Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282314	Rabbit	Human	Immunoprecipitation, Western Blot

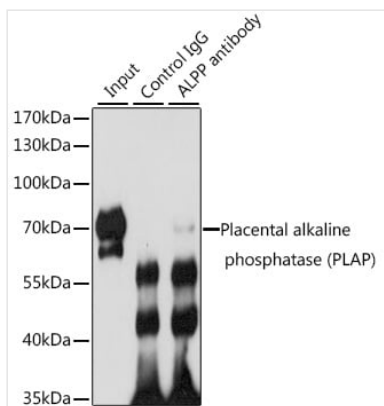
PRODUCT SYNONYMS

Placental alkaline phosphatase (PLAP); Polyclonal Antibody; Placental alkaline phosphatase (PLAP) Rabbit pAb; ALPP; ALP; PALP; PLAP; PLAP-1; alkaline phosphatase; placental; anti-PLAP antibody

PRODUCT SPECIFICATIONS

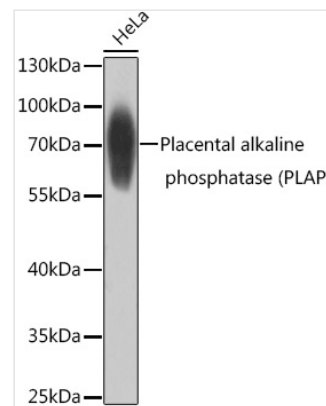
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	HSQDAGSRLL AGTPEPSVHA LPDALNNLRT QEGSGDGPSS SVDWNRPELV DPQGIYVISA PSYAREVAT PLFPPLHTGR AGQRQHLLFP YPSSILSVK
Applicable Applications for anti-PLAP antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 260-460 of human Placental alkaline phosphatase (PLAP) (NP_001623.3).
Cellular Location	Cell membrane, GPI-anchor, Lipid-anchor
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 200ug extracts of HeLa cells, using 3 ug Placental alkaline phosphatase (PLAP) antibody. Western blot was performed from the immunoprecipitate using Placental alkaline phosphatase (PLAP) antibody at a dilution of 1:1000.



WB (Western Blot)

Western blot analysis of extracts of HeLa cells, using Placental alkaline phosphatase (PLAP) antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-PLAP antibody	The protein encoded by this gene is an alkaline phosphatase, a metalloenzyme that catalyzes the hydrolysis of phosphoric acid monoesters. It belongs to a multigene family composed of four alkaline phosphatase isoenzymes. The enzyme functions as a homodimer and has a catalytic site containing one magnesium and two zinc ions, which are required for its enzymatic function. The protein is primarily expressed in placental and endometrial tissue; however, strong ectopic expression has been detected in ovarian adenocarcinoma, serous cystadenocarcinoma, and other ovarian cancer cells.
Product Categories/Family for anti-PLAP antibody	Stem Cells ; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	45243561
NCBI GeneID	10683
NCBI Accession #	NP_982353.1
NCBI GenBank Nucleotide #	NM_203486.2
UniProt Accession #	Q9NYJ7; Q8NBS4; E9PFG2
Molecular Weight	61,178 Da
NCBI Official Full Name	delta-like protein 3 isoform 2
NCBI Official Synonym Full Names	delta like canonical Notch ligand 3
NCBI Official Symbol	DLL3
NCBI Official Synonym Symbols	SCDO1
NCBI Protein Information	delta-like protein 3
UniProt Protein Name	Delta-like protein 3
UniProt Gene Name	DLL3
UniProt Synonym Gene Names	Delta3

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/placental-alkaline-phosphatase-plap-antibody-immunoprecipitation-western-blot-elisa/282314>