

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

Placental alkaline phosphatase (PLAP) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA179324	Rabbit	Human	Immunoprecipitation, Western Blot

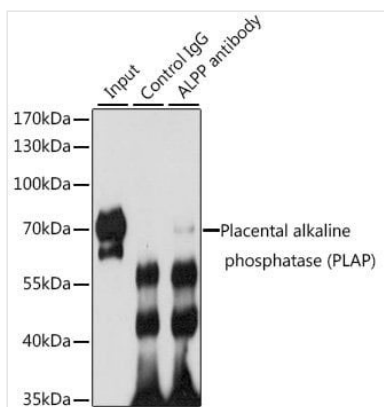
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

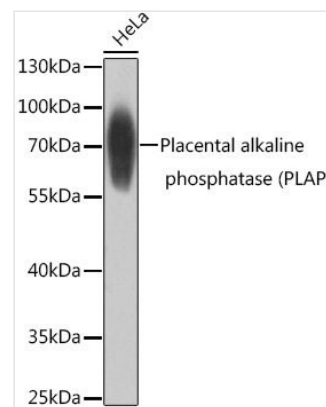
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ALPP antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant fusion protein of human Placental alkaline phosphatase
Research Area	Cancer, Tags and Cell Markers
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

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



WB (Western Blot)

Western blot analysis of extracts of HeLa cells using Placental alkaline phosphatase Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ALPP 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-ALPP antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	94721246
NCBI GeneID	250
NCBI Accession #	NP_001623.3
NCBI GenBank Nucleotide #	NM_001632.3
UniProt Accession #	P05187 ; P05188 ; P06861 ; Q53S78 ; Q96DB7
Molecular Weight	57,954 Da
NCBI Official Full Name	alkaline phosphatase, placental type preproprotein
NCBI Official Synonym Full Names	alkaline phosphatase, placental
NCBI Official Symbol	ALPP
NCBI Official Synonym Symbols	ALP; PALP; PLAP; PLAP-1
NCBI Protein Information	alkaline phosphatase, placental type; Regan isozyme; glycerophosphatase; alkaline phosphomonoesterase; placental alkaline phosphatase 1; alkaline phosphatase Regan isozyme
UniProt Protein Name	Alkaline phosphatase, placental type
UniProt Gene Name	ALPP
UniProt Synonym Gene Names	PLAP; PLAP-1
UniProt Entry Name	PPB1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/placental-alkaline-phosphatase-plap-antibody-immunoprecipitation-western-blot-elisa/179324>