

Rabbit anti-Human Alkaline Phosphatase/ALPL Polyclonal Antibody | anti-ALPL antibody

Anti-Alkaline Phosphatase/ALPL Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259483	Rabbit	Human	Immunoprecipitation, Western Blot

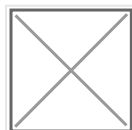
PRODUCT SYNONYMS

Alkaline Phosphatase/ALPL; Polyclonal Antibody; Anti-Alkaline Phosphatase/ALPL Antibody; Rabbit Polyclonal; Alkaline Phosphatase/ALPL Antibody; Rabbit PAb; Antigen Affinity Purified; alkaline phosphatase; liver/bone/kidney; Anti-AP-TNAP Antibody; Anti-APTNP Antibody; Anti-HOPS Antibody; Anti-HPPA Antibody; Anti-HPPC Antibody; Anti-HPPI Antibody; Anti-HPPO Antibody; Anti-TNALP Antibody; Anti-TNAP Antibody; Anti-TNS-ALP Antibody; Anti-TNSALP Antibody; anti-ALPL antibody

PRODUCT SPECIFICATIONS

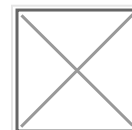
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Alkaline Phosphatase/ALPL
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ALPL antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human Alkaline Phosphatase/ALPL
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human Alkaline Phosphatase/ALPL, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



IP (Immunoprecipitation)

ALPL was immunoprecipitated using: Lane A:0.5 mg HepG2 Whole Cell Lysate 4 uL anti-ALPL rabbit polyclonal antibody and 60ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-ALPL rabbit polyclonal antibody,at 1:100 dilution Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 57 kDa Observed band size :50 kDa



WB (Western Blot)

Anti-Alkaline Phosphatase/ALPL rabbit polyclonal antibody at 1:500 dilutionLane A: HeLa Whole Cell LysateLysates/proteins at 30ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique. Performed under reducing conditions.Predicted band size:57 kDaObserved band size:80 kDa(We are unsure as to the identity of these extra bands.

ADDITIONAL INFORMATION

Related Product Information for anti-ALPL antibody	Alkaline phosphatase (ALPL) is a hydrolase enzyme responsible for removing phosphate groups from many types of molecules, including nucleotides, proteins, and alkaloids. The process of removing the phosphate group is called dephosphorylation. As the name suggests, alkaline phosphatases are most effective in an alkaline environment. It is sometimes used synonymously as basic phosphatase. Alkaline phosphatases (APs) are ubiquitous in many species, from bacteria to human. Four genes encode AP isoenzymes in humans and rodents. Three AP genes are expressed in a tissue-specific manner (i.e., placental, embryonic, and intestinal AP isoenzymes). Expression of the fourth AP gene is nonspecific to a single tissue and is especially abundant in bone, liver, and kidney. This isoenzyme is also called tissue-nonspecific alkaline phosphatase (TNAP). The enzyme tissue non-specific alkaline phosphatase (TNAP) belongs to the ectophosphatase family. TNAP is present in large amounts in bone in which it plays a role in mineralization.
Product Categories/Family for anti-ALPL antibody	Phosphatases and Regulators
References	Brun-Heat. I. e. al. (2011. Differentia. expressio. o. th. bon. an. th. live. tissu. non-specifi. alkal. phosphatas. isoform. i. brai. tissues. Cel. Tissu. Res. 343(3). 521-36.Whyt. MP. e. al. (1995. Alkal. phosphatase. placenta. an. tissue-non-specifi. isoenzyme. hydrolyz. phosphoethanolamine. inorgani. pyrophosphate. an. pyridoxa. 5-phosphate. . Cli. Invest. 95. 1440-5.Whyt. MP. (1994. Hypophosphatasi. an. th. rol. o. alkal. phosphatas. i. skeleta. mineralization. Endocrino. Rev. 4. 439-61.Weinre. M. e. al. (1990. Differen. patter. o. alkal. phosphatase. osteoponti. an. osteocalci. expressio. i. developin. ra. bon. visualize. b. i. sit. hybridization. . Bon. Mine. Res. 5. 831-42.

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/alkaline-phosphatase-alpl-antibody-immunoprecipitation-western-blot-elisa/259483>