

Rabbit anti-Human Phospholipid transfer Polyclonal Antibody | anti-PLTP antibody

Rabbit anti-human Phospholipid transfer polyclonal Antibody

CATALOG # AAA229509	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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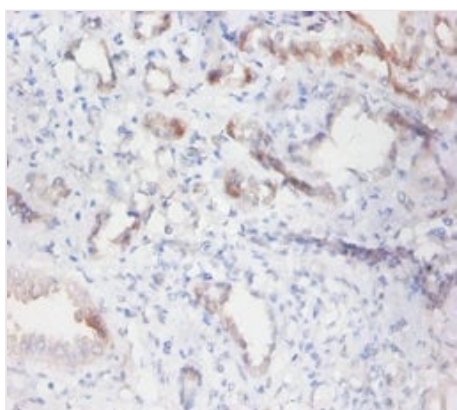
PRODUCT SYNONYMS

Phospholipid transfer; Polyclonal Antibody; Rabbit anti-human Phospholipid transfer polyclonal Antibody; Lipid transfer protein II PLTP; anti-PLTP antibody

PRODUCT SPECIFICATIONS

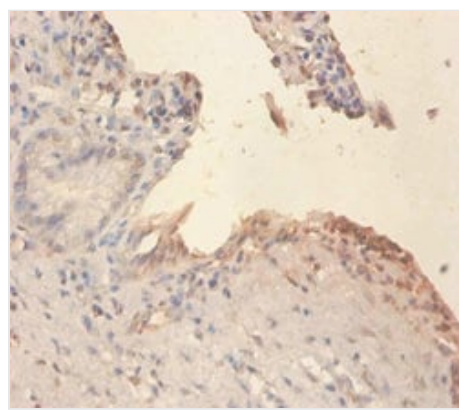
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	398
Applicable Applications for anti-PLTP antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Phospholipid transfer protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-30835 / sc-32901
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA229509 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreas using AAA229509 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-PLTP antibody	Facilitates the transfer of a spectrum of different lipid molecules, including diacylglycerol, phosphatidic acid, sphingomyelin, phosphatidylcholine, phosphatidylglycerol, cerebroside and phosphatidyl ethanolamine. Essential for the transfer of excess surface lipids from triglyceride-rich lipoproteins to HDL, thereby facilitating the formation of smaller lipoprotein remnants, contributing to the formation of LDL, and assisting in the maturation of HDL particles. PLTP also plays a key role in the uptake of cholesterol from peripheral cells and tissues that is subsequently transported to the liver for degradation and excretion. Two distinct forms of PLTP exist in plasma: an active form that can transfer PC from phospholipid vesicles to high-density lipoproteins (HDL), and an inactive form that lacks this capability. This protein is one of at least two lipid transfer proteins found in human plasma. The encoded protein transfers phospholipids from triglyceride-rich lipoproteins to high density lipoprotein (HDL). In addition to regulating the size of HDL particles, this protein may be involved in cholesterol metabolism. At least two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PLTP antibody	Transport

NCBI AND UNIPROT INFORMATION

NCBI GI #	339275807
NCBI GeneID	5360
NCBI Accession #	NP_001229849.1
NCBI GenBank Nucleotide #	NM_001242920.1
UniProt Accession #	P55058; Q8WTT1; Q9BR07; Q9BSH8; A8K006; B4DDD5; B4DRB4; E1P5N8; E7EV16
Molecular Weight	44,847 Da
NCBI Official Full Name	phospholipid transfer protein isoform c
NCBI Official Synonym Full Names	phospholipid transfer protein
NCBI Official Symbol	PLTP
NCBI Official Synonym Symbols	BPIFE; HDLCQ9
NCBI Protein Information	phospholipid transfer protein
UniProt Protein Name	Phospholipid transfer protein
UniProt Gene Name	PLTP
UniProt Entry Name	PLTP_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/phospholipid-transfer-antibody-immunohistochemistry-elisa/229509>