PLTP Polyclonal Antibody

Catalog No	YP-Ab-05934
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	PLTP
Immunogen	Synthesized peptide derived from human protein . at AA range: 180-260
Specificity	PLTP Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HDLCQ9;Lipid transfer protein II;phospholipid transfer protein;PLTP; Phospholipid transfer protein (Lipid transfer protein II)
Observed Band	180 kDa
Calculated Molecular Weight	54.7 kDa, 81 kDa
Cell Pathway	Secreted . Nucleus . Nuclear export is XPO1/CRM1-dependent. .
Tissue Specificity	Widely expressed. Highest level of expression in the ovary, thymus and placenta, with moderate levels found in the pancreas, small intestine, testis, lung and prostrate. Low level expression in the kidney, liver and spleen, with very low levels found in the heart, colon, skeletal muscle, leukocytes and brain. Expressed in the cortical neurons.
Function	function:Converts HDL into larger and smaller particles. May play a key role in extracellular phospholipid transport and modulation of hdl particles., similarity:Belongs to the BPI/LBP/Plunc superfamily. BPI/LBP family.,tissue specificity:Wide tissue distribution. Placenta > pancreas > lung > kidney > heart > liver > skeletal muscle > brain.,

Background	The protein encoded by this gene 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. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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