



ApoL1 Monoclonal Antibody

Catalog No	YP-mAb-00669
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	APOL1
Immunogen	The antiserum was produced against synthesized peptide derived from human APOL1. AA range:261-310
Specificity	ApoL1 Monoclonal Antibody detects endogenous levels of ApoL1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Apo-L;ApoL-I;Apolipoprotein L I;Apolipoprotein L-I;ApoL1;Apolipoprotein L1; APOL;Apolipoprotein L
Observed Band	44kD
Calculated Molecular Weight	44kD
Cell Pathway	Secreted.
Tissue Specificity	Plasma. Found on APOA-I-containing high density lipoprotein (HDL3). Expressed in pancreas, lung, prostate, liver, placenta and spleen.
Function	function:May play a role in lipid exchange and transport throughout the body. May participate in reverse cholesterol transport from peripheral cells to the liver., sequence caution:Translated as Gln.,similarity:Belongs to the apolipoprotein L family.,subunit:In plasma, interacts with APOA1 and mainly associated with large high density lipoprotein particles.,tissue specificity:Plasma. Found on APOA-I-containing high density lipoprotein (HDL3). Expressed in pancreas, lung, prostate, liver, placenta and spleen.,



Background

This gene encodes a secreted high density lipoprotein which binds to apolipoprotein A-I. Apolipoprotein A-I is a relatively abundant plasma protein and is the major apoprotein of HDL. It is involved in the formation of most cholesteryl esters in plasma and also promotes efflux of cholesterol from cells. This apolipoprotein L family member may play a role in lipid exchange and transport throughout the body, as well as in reverse cholesterol transport from peripheral cells to the liver. Several different transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2008],

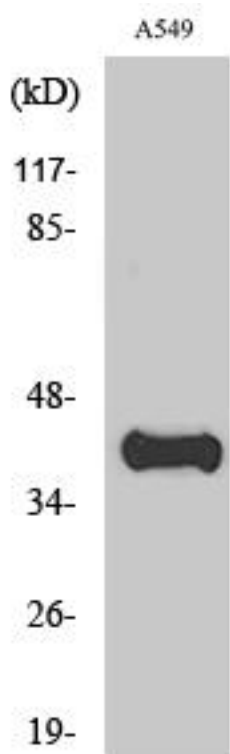
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using ApoL1 Monoclonal Antibody