

Rabbit NPC1L1 Polyclonal Antibody | anti-NPC1L1 antibody

NPC1L1 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201532	Rabbit	Tested Reactivity: Human (Predicted Reactivity: Human)	Western Blot

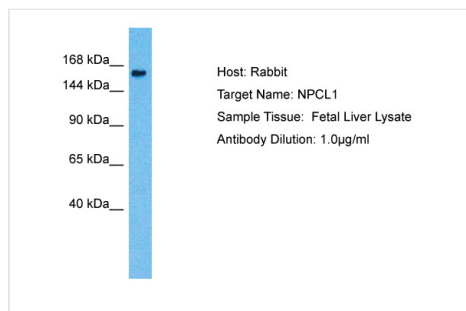
PRODUCT SYNONYMS

NPC1L1; Polyclonal Antibody; NPC1L1 Antibody - N-terminal region; anti-NPC1L1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human (Predicted Reactivity: Human)
Clonality	Polyclonal
Purity/Purification	Affinity purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100ul at 0.5 - 1 mg (varies by lot)
Sequence	Synthetic peptide located within the following region: YG SALCNAQRWL NFQGDTGNGL APLDITFHLL EPGQAVGSGI QPLNEGVA
Sequence Length	1359
Applicable Applications for anti-NPC1L1 antibody	WB (Western Blot)
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human NPC1L1
Protein Size (#aa)	1359 amino acids
Protein Interaction	LGR4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: Rabbit Target Name: NPC1L1 Sample Type: Fetal Liver lysates Antibody Dilution: 1.0 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-NPC1L1 antibody	This is a rabbit polyclonal antibody against NPCL1. It was validated on Western Blot Target Description: The protein encoded by this gene is a multi-pass membrane protein. It contains a conserved N-terminal Niemann-Pick C1 (NPC1) domain and a putative sterol-sensing domain (SSD) which includes a YQRL motif functioning as a plasma membrane to trans-Golgi network transport signal in other proteins. This protein takes up free cholesterol into cells through vesicular endocytosis and plays a critical role in the absorption of intestinal cholesterol. It also has the ability to transport alpha-tocopherol (vitamin E). The drug ezetimibe targets this protein and inhibits the absorption of intestinal cholesterol and alpha-tocopherol. In addition, this protein may play a critical role in regulating lipid metabolism. Polymorphic variations in this gene are associated with plasma total cholesterol and low-density lipoprotein cholesterol (LDL-C) levels and coronary heart disease (CHD) risk. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-NPC1L1 antibody	Polyclonal; Membrane Protein; Cell Biology; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	156231353
NCBI GeneID	29881
NCBI Accession #	NP_001095118.1
NCBI GenBank Nucleotide #	NM_001101648.1
UniProt Accession #	Q9UHC9
Molecular Weight	149kDa
NCBI Official Full Name	NPC1-like intracellular cholesterol transporter 1 isoform 2
NCBI Official Synonym Full Names	NPC1 like intracellular cholesterol transporter 1
NCBI Official Symbol	NPC1L1
NCBI Official Synonym Symbols	LDLCQ7; NPC11L1; SLC65A2
NCBI Protein Information	NPC1-like intracellular cholesterol transporter 1
UniProt Protein Name	Niemann-Pick C1-like protein 1
UniProt Gene Name	NPC1L1

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://www.aaabiotech.com/polyclonal/npc1l1-antibody-western-blot-elisa/201532>