

Rabbit anti-Human LRP8 Polyclonal Antibody | anti-LRP8 antibody

LRP8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232879	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

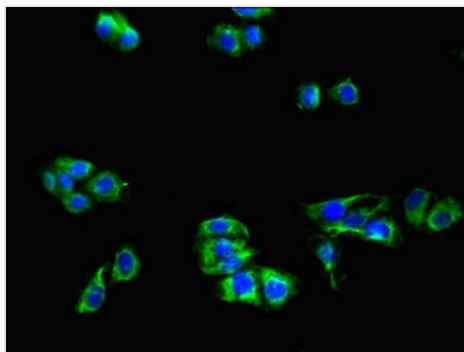
PRODUCT SYNONYMS

LRP8; Polyclonal Antibody; LRP8 Antibody; Low-density lipoprotein receptor-related protein 8; LRP-8; Apolipoprotein E receptor 2; APOER2; anti-LRP8 antibody

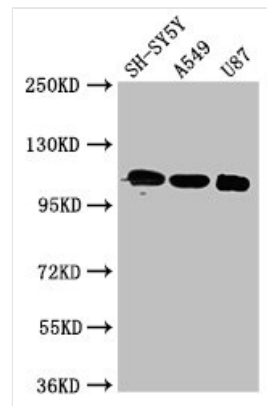
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	904
Applicable Applications for anti-LRP8 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Low-density lipoprotein receptor-related protein 8 protein (131-332AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-10112 / sc-10113 / sc-20746
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA232879 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


WB (Western Blot)

Western BlotPositive WB detected in:SH-SY5Y whole cell lysate,A549 whole cell lysate,U87 whole cell lysateAll lanes: LRP8 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 106,78,100,88 kDaObserved band size: 106 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-LRP8 antibody	Cell surface receptor for Reelin (RELN) and apolipoprotein E (apoE)-containing ligands. LRP8 participates in transmitting the extracellular Reelin signal to intracellular signaling processes, by binding to DAB1 on its cytoplasmic tail. Reelin acts via both the VLDL receptor (VLDLR) and LRP8 to regulate DAB1 tyrosine phosphorylation and microtubule function in neurons. LRP8 has higher affinity for Reelin than VLDLR. LRP8 is thus a key component of the Reelin pathway which governs neuronal layering of the forebrain during embryonic brain development. Binds the endoplasmic reticulum resident receptor-associated protein (RAP). Binds dimers of beta 2-glycoprotein I and may be involved in the suppression of platelet aggregation in the vasculature. Highly expressed in the initial segment of the epididymis, where it affects the functional expression of clusterin and phospholipid hydroperoxide glutathione peroxidase (PHGPx), two proteins required for sperm maturation. May also function as an endocytic receptor.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	65301119
NCBI GeneID	7804
NCBI Accession #	NP_001018064.1
NCBI GenBank Nucleotide #	NM_001018054.2
UniProt Accession #	Q14114; O14968; Q86V27; Q99876; Q9BR78; B1AMT6; B1AMT7; B1AMT8
Molecular Weight	â€" Da
NCBI Official Full Name	low-density lipoprotein receptor-related protein 8 isoform 4
NCBI Official Synonym Full Names	LDL receptor related protein 8
NCBI Official Symbol	LRP8
NCBI Official Synonym Symbols	MC11; LRP-8; APOER2; HSZ75190
NCBI Protein Information	low-density lipoprotein receptor-related protein 8
UniProt Protein Name	Low-density lipoprotein receptor-related protein 8
UniProt Gene Name	LRP8
UniProt Synonym Gene Names	APOER2; LRP-8
UniProt Entry Name	LRP8_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/lrp8-antibody-immunofluorescence-western-blot-elisa/232879>