

Rabbit anti-Human OLR1 Polyclonal Antibody | anti-OLR1 antibody

OLR1 Antibody (Center)

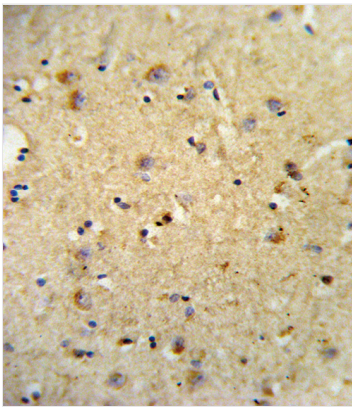
CATALOG # AAA28737	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

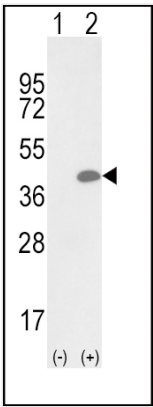
OLR1; Polyclonal Antibody; OLR1 Antibody (Center); Oxidized low-density lipoprotein receptor 1; Ox-LDL receptor 1; C-type lectin domain family 8 member A; Lectin-like oxidized LDL receptor 1; LOX-1; Lectin-like oxLDL receptor 1; hLOX-1; Lectin-type oxidized LDL receptor 1; soluble form; CLEC8A; LOX1; anti-OLR1 antibody

PRODUCT SPECIFICATIONS

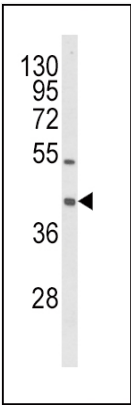
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OLR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 64-92 amino acids from the Central region of human OLR1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	64-92
Sequence Length	189
Applicable Applications for anti-OLR1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry)
Application Notes	WB~~1:1000
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



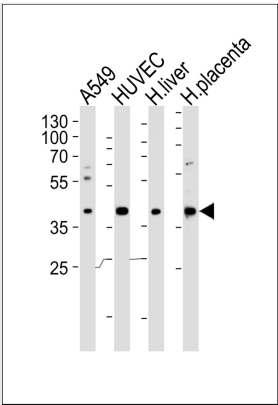
WB (Western Blot)
Formalin-fixed and paraffin-embedded human brain tissue reacted with OLR1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



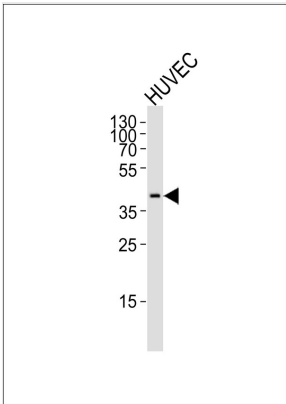
WB (Western Blot)
Western blot analysis of OLR1 (arrow) using rabbit polyclonal OLR1 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the OLR1 gene (Lane 2).



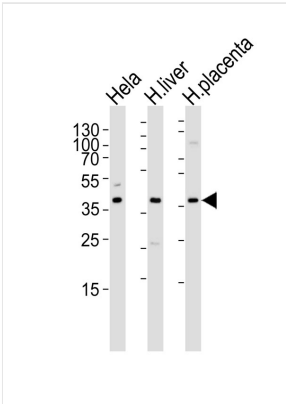
WB (Western Blot)
Western blot analysis of OLR1 Antibody (Center) in HL-60 cell line lysates (35ug/lane). OLR1 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of lysates from A549, HUVEC cell line and human liver, placenta tissue lysate (from left to right), using OLR1 Antibody (Center). AAA28737 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



WB (Western Blot)
Western blot analysis of lysate from HUVEC cell line, using OLR1 Antibody (Center). AAA28737 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



WB (Western Blot)
Western blot analysis of lysates from HeLa cell line, human liver and placenta tissue lysate (from left to right), using OLR1 Antibody (Center). AAA28737 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-OLR1 antibody	OLR1 is a low density lipoprotein receptor that belongs to the C-type lectin superfamily. This protein binds, internalizes and degrades oxidized low-density lipoprotein. This protein may be involved in the regulation of Fas-induced apoptosis. This protein may play a role as a scavenger receptor.
Product Categories/Family for anti-OLR1 antibody	Crown Antibodies; Cardiovascular; Cell Biology; Signal Transduction
References	Predazzi,I.M.,et.al., Ann. Hum. Biol. 37 (2), 136-148 (2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	290654342
NCBI GeneID	4973
NCBI Accession #	NP_001166103.1; NP_001166104.1; NP_002534.1
NCBI GenBank Nucleotide #	NM_001172632.1
UniProt Accession #	P78380; Q2PP00; Q7Z484; A8K7V9; B4DI48; G3V1I4
Molecular Weight	30959
NCBI Official Full Name	oxidized low-density lipoprotein receptor 1 isoform 2
NCBI Official Synonym Full Names	oxidized low density lipoprotein (lectin-like) receptor 1
NCBI Official Symbol	OLR1
NCBI Official Synonym Symbols	LOX1; LOXIN; SLOX1; CLEC8A; SCARE1
NCBI Protein Information	oxidized low-density lipoprotein receptor 1
UniProt Protein Name	Oxidized low-density lipoprotein receptor 1
UniProt Gene Name	OLR1
UniProt Synonym Gene Names	CLEC8A; LOX1; Ox-LDL receptor 1; LOX-1; Lectin-like oxLDL receptor 1; hLOX-1
UniProt Entry Name	OLR1_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://stage.aaabiotech.com/polyclonal/olr1-antibody-western-blot-immunohistochemistry-elisa/28737>