

Rabbit LRP3 Polyclonal Antibody | anti-LRP3 antibody

LRP3 Antibody

CATALOG # AAA324811	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

LRP3; Polyclonal Antibody; LRP3 Antibody; 105 kDa low-density lipoprotein receptor-related protein; CTD-2540B15.13; hLRp105; Low density lipoprotein receptor related protein 3; Low-density lipoprotein receptor-related protein 3; LRP-3; Lrp3; LRP3_HUMAN; anti-LRP3 antibody

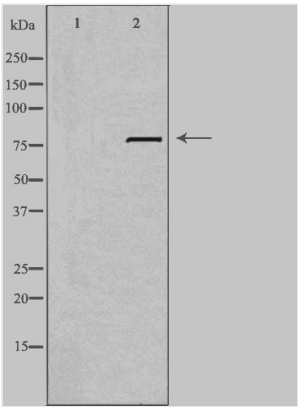
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LRP3 antibody detects endogenous levels of total LRP3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	770
Applicable Applications for anti-LRP3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane. Membrane > Coated Pit.
Tissue Specificity	Widely expressed. Highly expressed in skeletal muscle and ovary. Expressed at intermediate level in heart, brain, liver, pancreas, prostate and small intestine. Weakly expressed in testis, colon and leukocyte.
Predicted Cross Reactivity	Rabbit, Dog, Xenopus
Similarity	Rabbit (91%), Dog (82%), Xenopus (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324811 staining RAW264.7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from RAW264.7 cells, using LRP3 antibody., The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-LRP3 antibody	Function: Probable receptor, which may be involved in the internalization of lipophilic molecules and/or signal transduction. Its precise role is however unclear, since it does not bind to very low density lipoprotein (VLDL) or to LRPAP1 in vitro. Subunit Structure: Binds GGA1 and GGA2. Similarity: Belongs to the LDLR family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167555125
NCBI GeneID	4037
NCBI Accession #	NP_002324.2
NCBI GenBank Nucleotide #	NM_002333.3
UniProt Accession #	O75074; B3KQD6; B4DKF2
Molecular Weight	Observed: 80 kD Predicted: 83 kDa
NCBI Official Full Name	low-density lipoprotein receptor-related protein 3
NCBI Official Synonym Full Names	LDL receptor related protein 3
NCBI Official Symbol	LRP3
NCBI Protein Information	low-density lipoprotein receptor-related protein 3
UniProt Protein Name	Low-density lipoprotein receptor-related protein 3
UniProt Gene Name	LRP3
UniProt Synonym Gene Names	LRP-3; hLRp105

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.