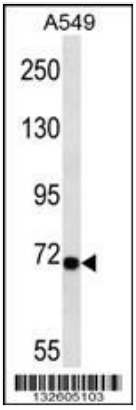
LRP10 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LRP10, Polyclonal Antibody
Full Product Name	LRP10, NT (LRP10, Low-density lipoprotein receptor-related protein 10) (AP)
Product Gene Name	anti-LRP10 antibody
Product Synonym Names	LRP10; Low-density lipoprotein receptor-related protein 10
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	76,193 Da
Chromosome Location	Chromosome: 14; NC_000014.8 (23340960..23347293). Location: 14q11.2
OMIM	609921
3D Structure	ModBase 3D Structure for Q7Z4F1
Immunogen	LRP10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 47-77 amino acids from the N-terminal region of human LRP10.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-LRP10 antibody	Antibodies; Lipoproteins
Applications Tested/Suitable for anti-LRP10 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-LRP10 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-LRP10 antibody	Probable receptor, which is involved in the internalization of lipophilic molecules and/or signal transduction. May be involved in the uptake of lipoprotein APOE in liver (By similarity).
Product References and Citations for anti-LRP10 antibody	Jeong, Y.H., et al. Biochem. Biophys. Res. Commun. 392(4):495-499(2010). Wan, D., et al. Proc. Natl. Acad. Sci. U.S.A. 101(44):15724-15729(2004). Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003). Tomarev, S.I., et al. Invest. Ophthalmol. Vis. Sci. 44(6):2588-2596(2003). Sugiyama, T., et al. Biochemistry 39(51):15817-15825(2000).
Other Notes	Small volumes of anti-LRP10 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for LRP10 purchase	MBS6316944 is an antibody targeting LRP10. Also known as LRP10, NT (LRP10, Low-density lipoprotein receptor-related protein 10) (AP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-LRP10 antibody
LRP10 Antibody (N-term) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the LRP10 antibody detected the LRP10 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LRP10. It may not necessarily be applicable to this product.

NCBI GI #	32490559
NCBI GeneID	26020
NCBI Accession #	NP_054764.2
UniProt Primary Accession #	Q7Z4F1
UniProt Secondary Accession #	O95882; Q14CK7; Q86T02; Q8NCZ4; Q9HC42; Q9UG33; A8K4R5; D3DS31
UniProt Related Accession #	Q7Z4F1
GenBank Nucleotide #	NM_014045.3
NCBI Official Full Name	low-density lipoprotein receptor-related protein 10
NCBI Official Synonym Full Names	low density lipoprotein receptor-related protein 10
NCBI Official Symbol	LRP10
NCBI Official Synonym Symbols	LRP9; MST087; MSTP087
UniProt Protein Name	Low-density lipoprotein receptor-related protein 10
Protein Family	Low-density lipoprotein receptor-related protein
UniProt Gene Name	LRP10
UniProt Synonym Gene Names	LRP-10
UniProt Entry Name	LRP10_HUMAN
NCBI Protein Information	low-density lipoprotein receptor-related protein 10; LRP-10

UniProt Comments for LRP10	LRP10: Probable receptor, which is involved in the internalization of lipophilic molecules and/or signal transduction. May be involved in the uptake of lipoprotein APOE in liver. Belongs to the LDLR family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral; Receptor, misc. Chromosomal Location of Human Ortholog: 14q11.2 Cellular Component: membrane; integral to membrane; coated pit Biological Process: endocytosis
Research Articles on LRP10	**1.** Increased expression of LRP10 in human neuroblastoma SH-SY5Y cells induces the accumulation of mature APP in the Golgi and reduces its presence at the cell surface and its processing into Abeta.
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