

Mouse LDLRAP1 Monoclonal Antibody | anti-LDLRAP1 antibody

LDLRAP1 antibody

CATALOG #	HOST	APPLICATIONS
AAA108159	Mouse	Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

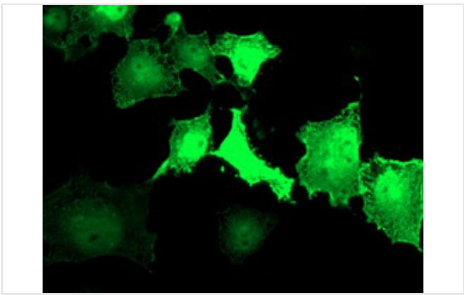
PRODUCT SYNONYMS

LDLRAP1; Monoclonal Antibody; LDLRAP1 antibody; Monoclonal LDLRAP1; Anti-LDLRAP1; Low Density Lipoprotein Receptor Adaptor Protein 1; ARH; ARH1; ARH2; DKFZp586D0624; FHCB1; FHCB2; MGC34705; LDLRAP 1; LDLRAP-1; anti-LDLRAP1 antibody

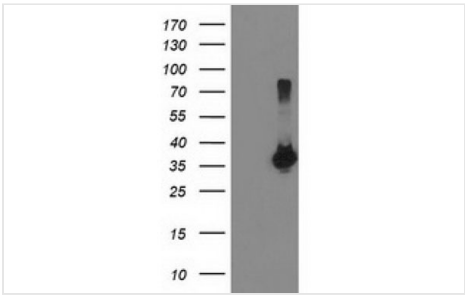
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2B2
Purity/Purification	LDLRAP1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	308
Applicable Applications for anti-LDLRAP1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	LDLRAP1 is an adapter protein (clathrin-associated sorting protein (CLASP)) required for efficient endocytosis of the LDL receptor (LDLR) in polarized cells such as hepatocytes and lymphocytes, but not in non-polarized cells (fibroblasts). LDLRAP1 may be required for LDL binding and internalization but not for receptor clustering in coated pits. LDLRAP1 may facilitate the endocytosis of LDLR and LDLR-LDL complexes from coated pits by stabilizing the interaction between the receptor and the structural components of the pits.
Cross-Reactivity	Human
Immunogen	LDLRAP1 antibody was raised in mouse using a full length recombinant protein of human LDLRAP1 (NP_056442) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant LDLRAP1 protein using LDLRAP1 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant LDLRAP1 protein (Right) or empty vector (Left) detected with LDLRAP1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-LDLRAP1 antibody	Mouse monoclonal LDLRAP1 antibody
Product Categories/Family for anti-LDLRAP1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	132626790
NCBI GeneID	26119
NCBI Accession #	NP_056442.2
NCBI GenBank Nucleotide #	NM_015627.2
Molecular Weight	33,885 Da
NCBI Official Full Name	low density lipoprotein receptor adapter protein 1
NCBI Official Synonym Full Names	low density lipoprotein receptor adaptor protein 1
NCBI Official Symbol	LDLRAP1
NCBI Official Synonym Symbols	ARH; ARH1; ARH2; FHCB1; FHCB2
NCBI Protein Information	low density lipoprotein receptor adapter protein 1
UniProt Protein Name	Low density lipoprotein receptor adapter protein 1
UniProt Gene Name	LDLRAP1
UniProt Synonym Gene Names	ARH
UniProt Entry Name	ARH_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.