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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55308_P050-FITC
Product Page	www.avivasysbio.com/ldlrp1-antibody-n-terminal-region-fitc-arp55308-p050-fitc.html
Name	LDLRAP1 Antibody - N-terminal region : FITC (ARP55308_P050-FITC)
Protein Size (# AA)	308 amino acids
Molecular Weight	34kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	26119
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Low density lipoprotein receptor adaptor protein 1
Alias Symbols	ARH, ARH1, ARH2, FHCB1, FHCB2, FHCL4
Peptide Sequence	Synthetic peptide located within the following region: WTDRETLLLEGMLFSLKYLGMTLVEQPKGEELSAAAIKRIVATAKASGKK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Mameza, M.G., (2007) J. Neurochem. 103 (3), 927-941
Description of Target	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. LDLRAP1 may also be involved in the internalization of other LDLR family members. LDLRAP1 binds to phosphoinositides, which regulate clathrin bud assembly at the cell surface. The protein encoded by this gene is a cytosolic protein which contains a phosphotyrosine binding (PTD) domain. The PTD domain has been found to interact with the cytoplasmic tail of the LDL receptor. Mutations in this gene lead to LDL receptor malfunction and cause the disorder autosomal recessive hypercholesterolaemia. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	OBFC1; AP2B1; UBC; KLC1; LDLR; LRP2; CLTC; TFAP2A; APP;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-LDLRAP1 (ARP55308_P050-FITC) antibody
Blocking Peptide	For anti-LDLRAP1 (ARP55308_P050-FITC) antibody is Catalog# AAP55308 (Previous Catalog# AAPP33139)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human LDLRAP1
Uniprot ID	Q5SW96
Protein Name	Low density lipoprotein receptor adaptor protein 1
Protein Accession #	NP_056442
Purification	Affinity Purified
Nucleotide Accession #	NM_015627
Gene Symbol	LDLRAP1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Zebrafish

Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 100%; Rat: 93%; Zebrafish: 93%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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