



Anti-LDLRAP1 (full length) polyclonal antibody (DPAB-DC1275)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	LDLRAP1 (AAH29770, 1 a.a. ~ 263 a.a) full-length recombinant protein with GST tag. The sequence is MLFSLKYLGMTLVEQPKGEELSAAAIKRIVATAKASGKKLQKVTLKVSPRGIILTDNLTN QLIENVSIYRISYCTADKMHDKVFAYIAQSQHNQSLECHAFLCTKRKMAQAVTLTVAQAF KVAFEFWQVSKEEKEKRDKASQEGGDVLGARQDCTPPLKSLVATGNLLDLEETAKAPLST VSANTTNMDEVPRPQALSGSSVVWELDDGLDEAFSRLAQSRTPNPQVLDTGLTAQDMHYAQ CLSPVDWDKPDSSSGTEQDDLFSF
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	LDLRAP1 low density lipoprotein receptor adaptor protein 1 [Homo sapiens (human)]
Official Symbol	LDLRAP1
Synonyms	LDLRAP1; low density lipoprotein receptor adaptor protein 1; ARH; ARH1; ARH2; FHCB1; FHCB2; low density lipoprotein receptor adapter protein 1; LDL receptor adaptor protein; autosomal recessive hypercholesterolemia protein;
Entrez Gene ID	26119
Protein Refseq	NP_056442
UniProt ID	B3KR97
Chromosome Location	1p36-p35
Pathway	Chylomicron-mediated lipid transport; Endocytosis; Lipid digestion, mobilization, and transport; Metabolism
Function	AP-2 adaptor complex binding; beta-amyloid binding; clathrin adaptor activity; clathrin binding