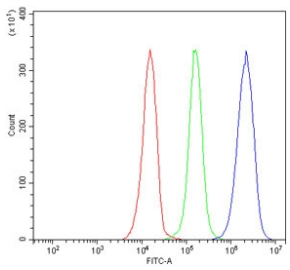
VLDL Receptor Antibody / VLDLR (RQ6695)

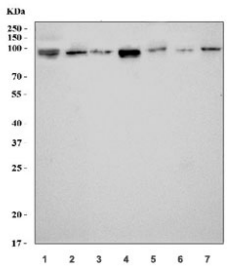
Catalog No.	Formulation	Size
RQ6695	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P98155
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This VLDL Receptor antibody is available for research use only.



Flow cytometry testing of human JK-1 cells with VLDL Receptor antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= VLDL Receptor antibody.



Western blot testing of 1) human ThP-1, 2) human Jurkat, 3) rat brain, 4) rat C6, 5) mouse heart, 6) mouse brain and 7) mouse Neuro-2a antibody. Expected molecular weight: 96-160 kDa depending on glycosylation level.

Description

The very-low-density-lipoprotein receptor (VLDLR) is a transmembrane lipoprotein receptor of the low-density-lipoprotein (LDL) receptor family. The low density lipoprotein receptor (LDLR) gene family consists of cell surface proteins involved in receptor-mediated endocytosis of specific ligands. This gene encodes a lipoprotein receptor that is a member of the LDLR family and plays important roles in VLDL-triglyceride metabolism and the reelin signaling pathway. Mutations in this gene cause VLDLR-associated cerebellar hypoplasia. Alternative splicing generates multiple transcript variants encoding distinct isoforms for this gene.

Application Notes

Optimal dilution of the VLDL Receptor antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids R231-S770) was used as the immunogen for the VLDL Receptor antibody.

Storage

After reconstitution, the VLDL Receptor antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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