

LDLR polyclonal antibody

Catalog: BS72690

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

The low density lipoprotein receptor (LDLR) gene family consists of cell surface proteins involved in receptor-mediated endocytosis of specific ligands. Low density lipoprotein (LDL) is normally bound at the cell membrane and taken into the cell ending up in lysosomes where the protein is degraded and the cholesterol is made available for repression of microsomal enzyme 3-hydroxy-3-methylglutaryl coenzyme A (HMG CoA) reductase, the rate-limiting step in cholesterol synthesis. At the same time, a reciprocal stimulation of cholesterol ester synthesis takes place. Mutations in this gene cause the autosomal dominant disorder, familial hypercholesterolemia. Alternate splicing results in multiple transcript variants.

Product:

1mg/ml in PBS, 50% glycerol, pH7.3.

Molecular Weight:

120kDa

Swiss-Prot:

P01130

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:2000

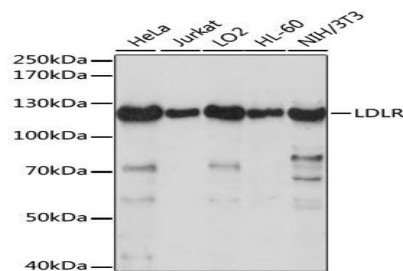
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

LDLR polyclonal antibody detects endogenous levels of LDLR protein.

DATA:



Western blot analysis of extracts of various cell lines, using LDLR antibody.

Note:

For research use only, not for use in diagnostic procedure.

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