

Datasheet for ABIN2467854
anti-LDLR antibody (AA 29-205)



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1 Image

Overview

Quantity:	0.05 mg
Target:	LDLR
Binding Specificity:	AA 29-205
Reactivity:	Human, Mouse, Rat
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This LDLR antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purification:	Antigen affinity-purified
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Target Details

Target:	LDLR
Alternative Name:	LDLR (LDLR Products)
Background:	Low density lipoprotein receptor. 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

Target Details

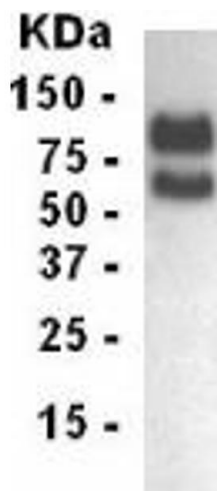
	stimulation of cholesterol ester synthesis takes place. Mutations in this gene cause the autosomal dominant disorder, familial hypercholesterolemia.
Molecular Weight:	95.4 kDa (calculated)
Gene ID:	3949
NCBI Accession:	NP_000518
UniProt:	P01130
Pathways:	Hepatitis C , Lipid Metabolism

Application Details

Application Notes:	LDL-R antibody can be used for the detection of LDL-R by Western blot, may also work for IHC and ICC.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Phosphate-Buffered Saline. No preservatives added.
Preservative:	Without preservative
Handling Advice:	As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Storage:	4 °C/-20 °C
Storage Comment:	LDLR antibody can be stored at 4 °C for short term (weeks). Long term storage should be at -20 °C.



Western Blotting

Image 1.