

LDLR Polyclonal Antibody

Catalog number: 10785-1-AP

Size: 46 µg/150 µl

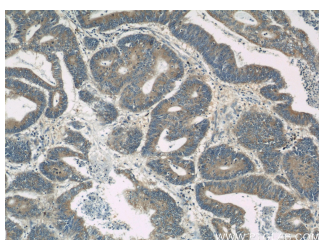
Source: Rabbit

Isotype: IgG

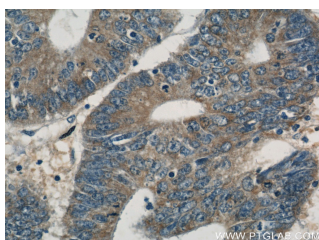
Synonyms:

LDLR; FH, FHC, LDL receptor,

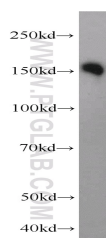
LDLR



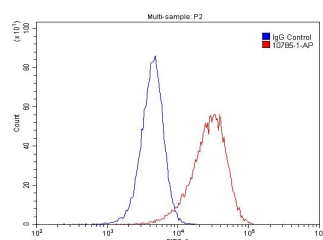
Immunohistochemical of paraffin-embedded human colon cancer using 10785-1-AP (LDLR antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human colon cancer using 10785-1-AP (LDLR antibody) at dilution of 1:50 (under 40x lens)



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10785-1-AP (LDLR antibody) at dilution of 1:300



1X10⁶ HeLa cells were stained with .2ug LDLR

Background

LDLR (low density lipoprotein receptor) is a member of the LDL receptor gene family and is involved in receptor-mediated endocytosis of specific ligands. The LDLR is a cell surface glycoproteins that scavenge LDL from the blood and regulate plasma LDL cholesterol. The cytoplasmic domain of the LDL receptor is necessary for the receptor to cluster in coated pits, which promotes the rapid endocytosis of bound LDL. The protein is highly glycosylated through N- and O-linkages and thus migrates at 100 to 160 kDa bands on SDS-PAGE.

Applications

Tested applications:	ELISA, WB, IHC, IP, FC
Cited applications:	WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Chicken, Hamster, human, MOUSE
Calculated LDLR MW:	95 kDa
Observed LDLR MW:	150-160 kDa
Positive WB detected in	Mouse brain tissue, HeLa cells, HL-60 cells, human brain tissue, Jurkat cells, NIH/3T3 cells, Raji cells
Positive IP detected in	HeLa cells
Positive IHC detected in	Human colon cancer tissue, human brain tissue, human pancreas tissue
Positive FC detected in	HeLa cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000 IHC: 1:20-1:200 FC: N/A

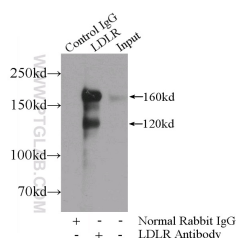
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1236
GenBank accession number:	BC014514
Gene ID (NCBI):	3949
Full name:	Low density lipoprotein receptor

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-LDLR (IP:10785-1-AP, 5ug;

antibody (10785-1-AP, red) Detection:10785-1-AP 1:500)
and control antibody (blue). with HeLa cells lysate 1200ug.
Fixed with 4% PFA blocked
with 3% BSA (30 min). Alexa
Fluor 488-conjugated
AffiniPure Goat Anti-Rabbit
IgG(H+L) with dilution 1:1500.