Nur für Forschungszwecke

LDLR Polyklonaler Antikörper

Katalog-Nr.:10785-1-AP Vorgestelltes Produkt 81 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Allgemeine Informationen

Katalog-Nr.:
10785-1-AP

Größe:
150ul , Konzentration: 800 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG1236

GenBank-Zugangsnummer:
BC014514

GeneID (NCBI):
3949

Vollständiger Name:
low density lipoprotein receptor

Berechneté Masse:
95 kDa

Beobachteté Masse:
100-160 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:1000-1:4000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:500-1:2000
IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
FC, IF, IHC, IP, WB

Getestete Reaktivität:
Human, Maus

Zitierte Arten:
Hamster, Hausschwein, Huhn, Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HeLa-Zellen, HL-60-Zellen, humanes Hirngewebe, Jurkat-Zellen, Maushirngewebe, NIH/3T3-Zellen, Raji-Zellen

IP : HeLa-Zellen,

IHC : Maushirngewebe, humanes Hirngewebe, humanes Kolonkarzinomgewebe, humanes Pankreasgewebe, Mauslebergewebe

IF : HeLa-Zellen,

Hintergrundinformationen

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 glycoprotein that scavenges LDL from the blood and regulates 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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Haiyan He	36125039	Food Funct	WB
Yimin Jia	27648945	J Agric Food Chem	WB
Yong Huang	32938225	Am J Physiol Cell Physiol	WB

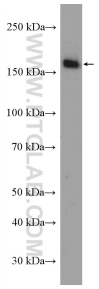
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

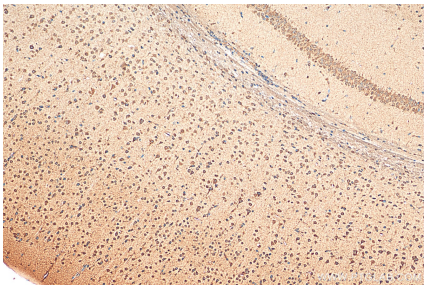
*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

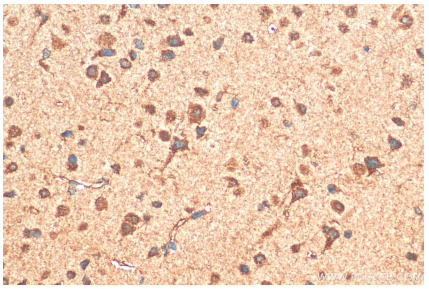
Ausgewählte Validierungsdaten



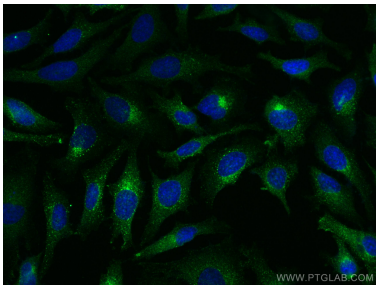
HeLa cells were subjected to SDS PAGE followed by western blot with 10785-1-AP (LDLR antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



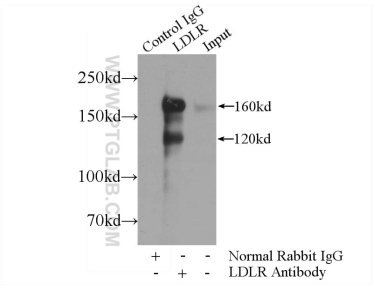
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10785-1-AP (LDLR antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



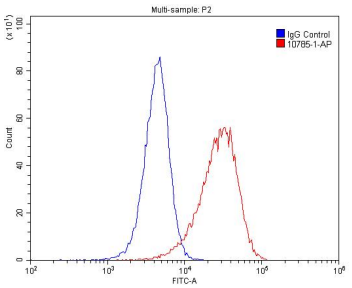
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10785-1-AP (LDLR antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using LDLR antibody (10785-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-LDLR (IP:10785-1-AP, 5ug; Detection:10785-1-AP 1:500) with HeLa cells lysate 1200ug.



1X10^6 HeLa cells were stained with .2ug LDLR antibody (10785-1-AP, red) and control antibody (blue). 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.