

For Research Use Only

LDLR Recombinant antibody, PBS Only



Catalog Number: 82724-1-PBS

Basic Information

Catalog Number: 82724-1-PBS	GenBank Accession Number: BC014514	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 3949	CloneNo.: 1011
Source: Rabbit	ENSEMBL Gene ID: ENSG00000130164	
Isotype: IgG	UNIPROT ID: P01130	
Immunogen Catalog Number: AG1236	Full Name: low density lipoprotein receptor	
	Calculated MW: 95 kDa	
	Observed MW: 140-160 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human, Mouse, Rat

Background Information

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.

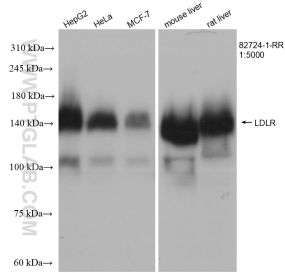
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

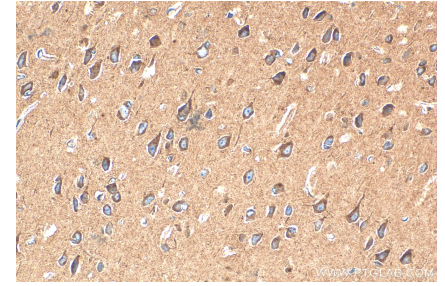
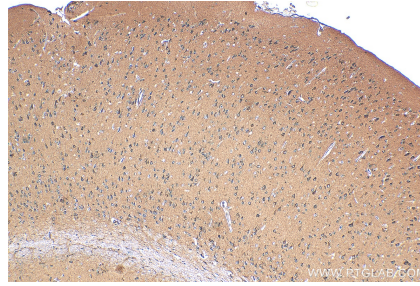
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82724-1-RR (LDLR antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82724-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 82724-1-RR (LDLR antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82724-1-PBS in a different storage buffer formulation.