

For Research Use Only

SORLA Recombinant monoclonal antibody, PBS Only

Catalog Number:87882-1-PBS



Basic Information

Catalog Number:

87882-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5593

GenBank Accession Number:

NM_003105.6

GeneID (NCBI):

6653

UNIPROT ID:

Q92673

Full Name:

sortilin-related receptor, L(DLR class)

A repeats-containing

Calculated MW:

248 kDa

Observed MW:

300-310 kDa

Purification Method:

Protein A purification

CloneNo.:

253502E4

Applications

Tested Applications:

WB, IF-P, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

SorLA also known as SorL1 or LR11, is a multiligand receptor belonging to the LDL receptor superfamily. It is also a member of vacuolar protein sorting-10 (Vps10) family and is enriched in the brain. SorLA acts as a sorting receptor for APP and prevents amyloidogenic processing of APP. Downregulation of SorLA has been found in patients with sporadic Alzheimer disease (AD). Currently SorLA has emerged as a potential target for AD therapy. (25404298)

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

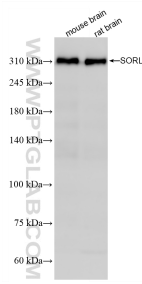
T: 4006900926

E: Proteintech-CN@ptglab.com

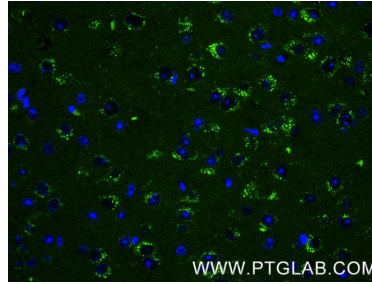
W: ptgcn.com

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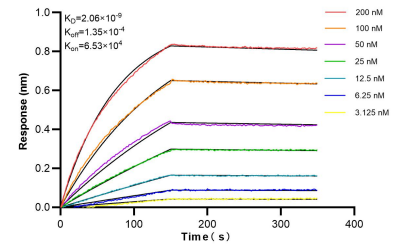
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87882-1-RR (SORL antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87882-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using SORL antibody (87882-1-RR, Clone: 253502E4) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87882-1-PBS in a different storage buffer formulation.



Bioluminescence resonance energy transfer (BRET) kinetic assays of 87882-1-RR against Human SORL were performed. The affinity constant is 2.06 nM.