

For Research Use Only

Presenilin-1-Specific Recombinant antibody, PBS Only (Detector)

Catalog Number: 83618-1-PBS



Basic Information

Catalog Number:

83618-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000021

GeneID (NCBI):

5663

UNIPROT ID:

P49768

Full Name:

presenilin 1

Calculated MW:

53 kDa

Purification Method:

Protein A purification

CloneNo.:

240615B3

Applications

Tested Applications:

Cytometric bead array, Indirect ELISA

Species Specificity:

human

Background Information

PSEN1(presenilin-1) is also named as AD3, PS1, PSNL1 and belongs to the peptidase A22A family. It directly influences Netrin/DCC signaling with cell type precision and spatiotemporal specificity, and is a key neural circuit builder that gates the spatiotemporal pattern of guidance signaling, thereby ensuring neural projections occur with high fidelity(PMID:21215373). The 46-kDa PSEN1 holoprotein is cleaved into a D30-kDa N-terminal fragment (NTF) and a D20-kDa C-terminal fragment (CTF) by the 26S proteasome (PMID:10527805). It has 7 isoforms produced by alternative splicing. This antibody is specific to isoform1(53 kDa), isoform2(52 kDa), isoform4(21 kDa), isoform7(49 kDa) of this protein.

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

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

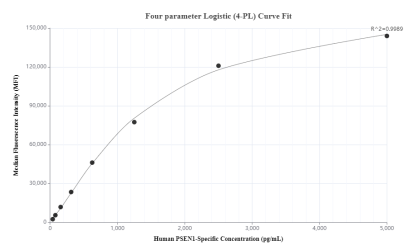
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP00597-1, Presenilin-1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83618-2-PBS. Detection antibody: 83618-1-PBS. Standard: SY00068. Range: 39-5000 pg/mL.