

For Research Use Only

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



Catalog Number: 83618-2-PBS

Basic Information

Catalog Number: 83618-2-PBS	GenBank Accession Number: NM_000021	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 5663	CloneNo.: 240615G10
Source: Rabbit	UNIPROT ID: P49768	
Isotype: IgG	Full Name: presenilin 1	
	Calculated MW: 53 kDa	

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:

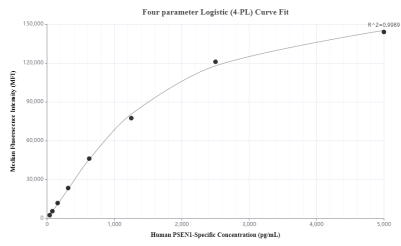
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP00597-1, PSEN1-Specific Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83618-2-PBS. Detection antibody: 83618-1-PBS. Standard: SY00068. Range: 39-5000 pg/mL