

For Research Use Only

ENTPD1 Recombinant antibody, PBS Only

Catalog Number: 84235-4-PBS



Basic Information

Catalog Number: 84235-4-PBS	GenBank Accession Number: BC047664	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 953	CloneNo.: 241292A1
Source: Rabbit	UNIPROT ID: P49961	
Isotype: IgG	Full Name: ectonucleoside triphosphate diphosphohydrolase 1	
	Calculated MW: 58 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

ENTPD1 (Ectonucleoside triphosphate diphosphohydrolase 1) is also named CD39, NTPDase 1, and Ecto-ATPDase 1 and belongs to the GDA1/CD39 NTPase family. In the nervous system, it can hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. It is a noncovalent tetrameric protein and detergent inhibition of enzymatic activity is caused by dissociation of ectoapyrase tetramers into monomers (PMID: 9733785). And it is a 70- to 100-kDa protein that is heavily N-glycosylated (PMID: 7930580). This protein has 6 glycosylation sites and 3 isoforms (58 kDa, 59 kDa, and 34 kDa) produced by alternative splicing.

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:

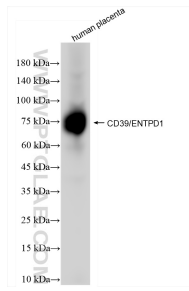
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E: Proteintech-CN@ptglab.com

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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



human placenta tissue were subjected to SDS PAGE followed by western blot with 84235-4-RR (ENTPD1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84235-4-PBS in a different storage buffer formulation.