

For Research Use Only

# ENTPD1 Recombinant antibody, PBS Only

Catalog Number: 84235-4-PBS



## Basic Information

Catalog Number:

84235-4-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC047664

GeneID (NCBI):

953

UNIPROT ID:

P49961

Full Name:

ectonucleoside triphosphate  
diphosphohydrolase 1

Calculated MW:

58 kDa

Observed MW:

75 kDa

Purification Method:

Protein A purification

CloneNo.:

241292A1

## 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:

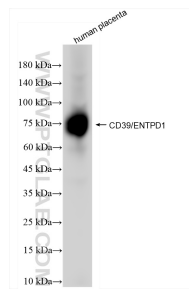
T: 4006900926

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



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.