ENTPD2 Polyclonal antibody
Catalog Number: 13656-1-AP

Basic Information

Catalog Number: 13656-1-AP
GenBank Accession Number: BC035738
Purification Method: Antigen affinity purification
Catalog Number: 13656-1-AP
GenetID (NCBI): 954
Recommended Dilutions: WB 1:500-1:1000
Size: 150UL, Concentration: 147 μg/ml by Bradford method using BSA as the standard;
Full Name: ectonucleoside triphosphate diphosphohydrolase 2
Observed MW: 70 kDa
Source: Rabbit
Calculated MW: 495 aa, 54 kDa
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG4513
Recommended Dilutions: IP 0.5-4.0 μg for IP and 1:200-1:1000 for WB
IHC 1:100-1:400

Applications

Tested Applications: IHC, IP, WB, ELISA
Positive Controls:
Cited Applications: IHC
Species Specificity: human, mouse, rat
WB: K-562 cells, human placenta tissue
Cited Species: rat
IP: K-562 cells,
IHC: human small intestine tissue,
Notable Publications

Author: Moyuru Hayashi
Pubmed ID: 33146549
Journal: Am J Physiol Gastrointest Liver Physiol
Application: IHC

Background Information

ENTPD2 (Ectonucleoside triphosphate diphosphohydrolase 2) is also named as CD39L1, Ecto-ATPase 2 and belongs to the GDA1/CD39 NTPase family. In the nervous system, it could hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. This protein has 3 isoforms produced by alternative splicing.

Notable Publications

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Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For Research Use Only

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

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com
**Selected Validation Data**

- Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 13656-1-AP (ENTPD2 antibody) at dilution of 1:200 (under 10x lens).
- Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 13656-1-AP (ENTPD2 antibody) at dilution of 1:200 (under 40x lens).
- K-562 cells were subjected to SDS PAGE followed by western blot with 13656-1-AP (ENTPD2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.