

# ENTPD2 Polyclonal antibody

Catalog Number: 13656-1-AP

1 Publications

## Basic Information

## Catalog Number:

13656-1-AP

## Size:

500 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG4513

## GenBank Accession Number:

BC035738

## GeneID (NCBI):

954

## UNIPROT ID:

Q9Y5L3

## Full Name:

ectonucleoside triphosphate  
diphosphohydrolase 2

## Calculated MW:

495 aa, 54 kDa

## Observed MW:

70 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 µg for 1.0-3.0 mg of total  
protein lysate

IHC 1:100-1:400

## Applications

## Tested Applications:

IHC, IP, WB, ELISA

## Cited Applications:

IHC

## Species Specificity:

human

## Cited Species:

rat

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

## Positive Controls:

WB : human placenta tissue, K-562 cells

IP : K-562 cells,

IHC : human small intestine tissue,

## 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

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

## Storage

## Storage:

Store at -20°C. Stable for one year after shipment.

## Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

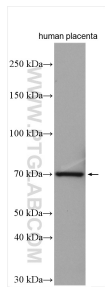
For technical support and original validation data for this product please contact:

T: 4006900926

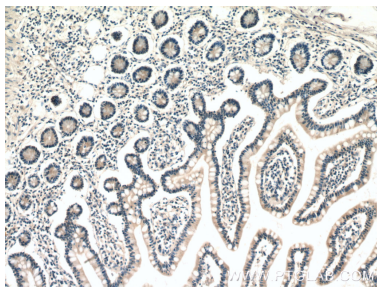
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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

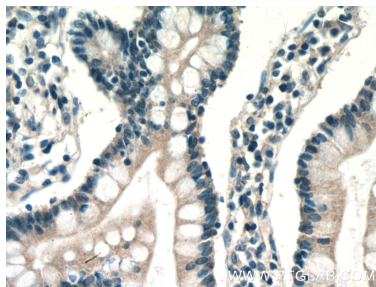
Selected Validation Data



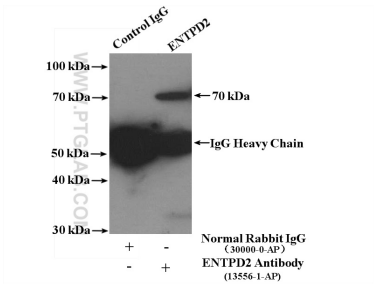
human placenta tissue were subjected to SDS PAGE followed by western blot with 13656-1-AP (ENTPD2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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).



IP result of anti-ENTPD2 (IP:13656-1-AP, 4ug; Detection:13656-1-AP 1:300) with K-562 cells lysate 4000ug.