

For Research Use Only

# ENTPD8 Polyclonal antibody

Catalog Number:18848-1-AP



## Basic Information

Catalog Number:

18848-1-AP

Size:

133 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_198585

GeneID (NCBI):

377841

UNIPROT ID:

Q5MY95

Full Name:

ectonucleoside triphosphate  
diphosphohydrolase 8

Calculated MW:

54 kDa

Observed MW:

54 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells,

IHC : human normal stomach,

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

## Background Information

ENTPD8, also named as UNQ2492 and PRO5779, belongs to the GDA1/CD39 NTPase family. ENTPD8 is a canalicular ectonucleoside NTPDase which responsible for the main hepatic NTPDase activity. Ectonucleoside NTPDases catalyze the hydrolysis of gamma- and beta-phosphate residues of nucleotides, playing a central role in concentration of extracellular nucleotides. Has activity toward ATP, ADP, UTP and UDP, but not toward AMP. ENTPD8 catalyze the reaction :ATP + 2 H<sub>2</sub>O = AMP + 2 phosphate.

## 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:

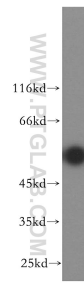
T: 4006900926

E: Proteintech-CN@ptglab.com

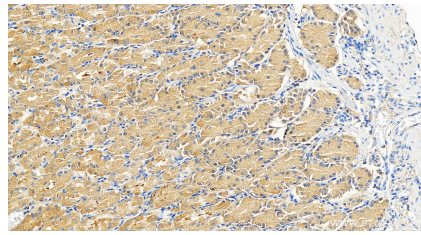
W: ptgcn.com

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## Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 18848-1-AP (ENTPD8 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human normal stomach slide using 18848-1-AP (ENTPD8 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).