

For Research Use Only

# ENPP3/CD203c Polyclonal antibody

Catalog Number: 28303-1-AP



## Basic Information

### Catalog Number:

28303-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG28478

### GenBank Accession Number:

BC146579

### GeneID (NCBI):

5169

### UNIPROT ID:

O14638

### Full Name:

ectonucleotide pyrophosphatase/phosphodiesterase 3

### Calculated MW:

875 aa, 100 kDa

### Observed MW:

120-150 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:500-1:2000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, rat

### Positive Controls:

WB : rat small intestine tissue,

## Background Information

ENPP3/CD203c is part of ectonucleotide pyrophosphatases/phosphodiesterase (ENPP) family and plays a role in various physiological processes. Increased levels of ENPP3 have been observed in conditions, such as clear cell renal cell carcinoma, bile duct carcinoma, and colorectal cancer, positioning ENPP3 as a potential tumor marker (PMID: 38749434). Mice harboring a point mutant of ENPP3 that specifically abolishes its cGAMP hydrolase activity are more resistant to both primary tumor growth and metastasis in certain cancers (PMID: 38149831). High molecular weight band is the glycosylated form of ENPP3 (PMID: 27665743, 30271993)

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

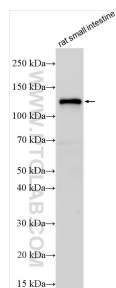
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## Selected Validation Data



rat small intestine tissue were subjected to SDS PAGE followed by western blot with 28303-1-AP (ENPP3/CD203c antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.