

For Research Use Only

ENPP3/CD203c Polyclonal antibody

Catalog Number: 28303-1-AP



Basic Information

Catalog Number:

28303-1-AP

Concentration:

500 ug/ml

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

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

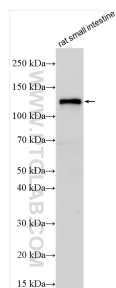
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Selected Validation Data



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.