

For Research Use Only

ENPP3/CD203c Polyclonal antibody, PBS Only

Catalog Number: 28303-1-PBS



Basic Information

Catalog Number:

28303-1-PBS

Concentration:

1 mg/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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, rat

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

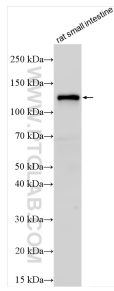
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E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

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. This data was developed using the same antibody clone with 28303-1-PBS in a different storage buffer formulation.