

For Research Use Only

# ENPP3/CD203c Polyclonal antibody, PBS Only

Catalog Number: 28303-1-PBS



## Basic Information

<b>Catalog Number:</b> 28303-1-PBS	<b>GenBank Accession Number:</b> BC146579	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5169	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O14638	
<b>Isotype:</b> IgG	<b>Full Name:</b> ectonucleotide pyrophosphatase/phosphodiesterase 3	
<b>Immunogen Catalog Number:</b> AG28478	<b>Calculated MW:</b> 875 aa, 100 kDa	
	<b>Observed MW:</b> 120-150 kDa	

## 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

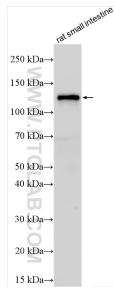
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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