

For Research Use Only

ENPP7 Polyclonal antibody

Catalog Number:32226-1-AP



Basic Information

Catalog Number: 32226-1-AP	GenBank Accession Number: NM_178543.4	Purification Method: Antigen affinity Purification
Concentration: 450 µg/ml	GeneID (NCBI): 339221	Recommended Dilutions: WB: 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q6UWV6	
Isotype: IgG	Full Name: ectonucleotide pyrophosphatase/phosphodiesterase 7	
Immunogen Catalog Number: AG36493	Calculated MW: 51 kDa, 458aa	
	Observed MW: 51 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse testis tissue,
Species Specificity: human, mouse	

Background Information

Ectonucleotide pyrophosphatase/phosphodiesterase family member 7 (ENPP7) stands out as an alkaline sphingomyelinase that functions in the intestine to cleave sphingomyelin (SM) into ceramide and phosphocholine in a phospholipase C (PLC) -like manner and has been associated with hepatobiliary diseases. Reduced ENPP7 activity is detected in colorectal cancer and in familial adenomatous polyposis, suggesting a link between decreased SM metabolism and colon tumorigenesis (PMID: 22177013; 28292932).

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:

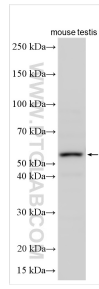
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Mouse testis tissue lysate was subjected to SDS PAGE followed by western blot with 32226-1-AP (ENPP7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.