

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
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	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

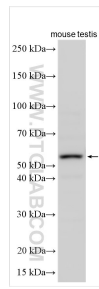
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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)
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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.