

For Research Use Only

ENPP2 Monoclonal antibody, PBS Only

Catalog Number: 68724-1-PBS



Basic Information

Catalog Number: 68724-1-PBS	GenBank Accession Number: BC034961	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 5168	CloneNo.: 2A10D9
Source: Mouse	UNIPROT ID: Q13822	
Isotype: IgG2a	Full Name: ectonucleotide pyrophosphatase/phosphodiesterase 2	
Immunogen Catalog Number: AG5499	Calculated MW: 99 kDa	
	Observed MW: 100-110 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat, pig, rabbit

Background Information

ENPP2, Autotaxin or Extracellular lysophospholipase D, is a 863 amino acid secreted protein, which is detected in blood plasma (at protein level) (PubMed:12176993, PubMed:26371182). ENPP2 is Predominantly expressed in brain, placenta, ovary, and small intestine. ENPP2 is expressed in a number of carcinomas such as hepatocellular and prostate carcinoma, neuroblastoma and non-small-cell lung cancer. ENPP2 is expressed in body fluids such as plasma, cerebral spinal fluid (CSF), saliva, follicular and amniotic fluids. The calculated molecular weight of ENPP2 is about 100 kDa (PMID: 22301782), but modified ENPP2 is 120 kDa (PMID: 19808661). ENPP2 Hydrolyzes lysophospholipids to produce the signaling molecule lysophosphatidic acid (LPA) in extracellular fluids (PubMed:15769751, PubMed:26371182, PubMed:27754931).

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

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

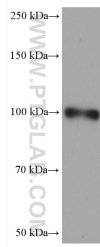
T: 4006900926

E: Proteintech-CN@ptglab.com

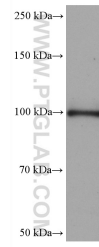
W: ptgcn.com

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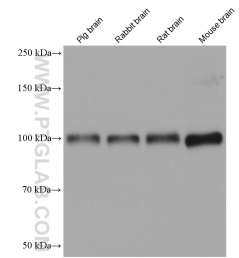
Selected Validation Data



HuH-7 cells were subjected to SDS PAGE followed by western blot with 68724-1-Ig (ENPP2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68724-1-PBS in a different storage buffer formulation.



U-87 MG cells were subjected to SDS PAGE followed by western blot with 68724-1-Ig (ENPP2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68724-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 68724-1-Ig (ENPP2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68724-1-PBS in a different storage buffer formulation.