

For Research Use Only

NPEPPS Recombinant antibody, PBS Only

Catalog Number: 84230-5-PBS



Basic Information

Catalog Number:	84230-5-PBS	GenBank Accession Number:	BC065294	Purification Method:	Protein A purification
Size:	1 mg/ml	GeneID (NCBI):	9520	CloneNo.:	241502G1
Source:	Rabbit	UNIPROT ID:	P55786		
Isotype:	IgG	Full Name:	aminopeptidase puromycin sensitive		
Immunogen Catalog Number:	AG36035	Observed MW:	103 kda		

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

NPEPPS, also known as PSA, is a member of the oxytocinase subfamily of the M1 aminopeptidase family. NPEPPS encodes puromycin-sensitive aminopeptidase, a zinc metallopeptidase that hydrolyzes amino acids from the N-terminus of its substrate. The protein has 2 isoforms and is located in the cytoplasm.

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:

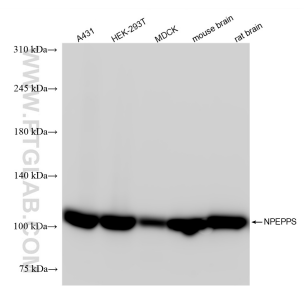
T: 4006900926

E: Proteintech-CN@ptglab.com

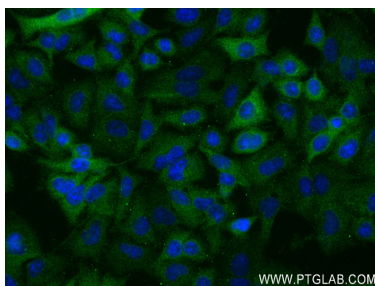
W: ptgcn.com

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

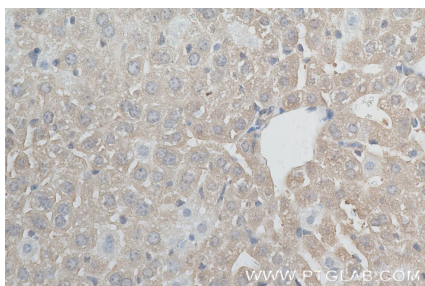
Selected Validation Data



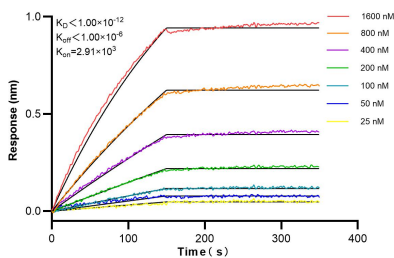
Various lysates were subjected to SDS PAGE followed by western blot with 84230-5-RR (NPEPPS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84230-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using NPEPPS antibody (84230-5-RR, Clone: 241502G1) at dilution of 1:250 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84230-5-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 84230-5-RR (NPEPPS antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84230-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84230-5-RR against Human NPEPPS were performed. The affinity constant is below 1 pM.