

For Research Use Only

NPEPPS Recombinant antibody, PBS Only

Catalog Number: 84230-4-PBS



Basic Information

Catalog Number: 84230-4-PBS	GenBank Accession Number: BC065294	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9520	CloneNo.: 241502G5
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, 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

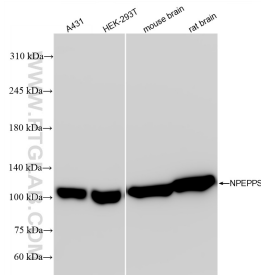
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

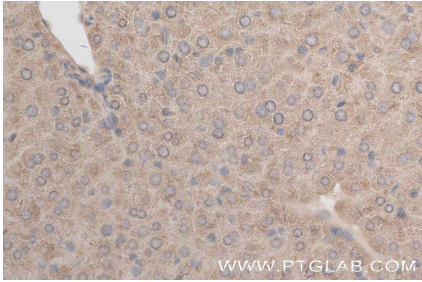
For technical support and original validation data for this product please contact:
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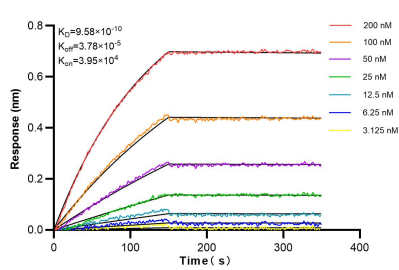
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84230-4-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 84230-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 84230-4-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 84230-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84230-4-RR against Human NPEPPS were performed. The affinity constant is 0.956 nM.