

For Research Use Only

NPEPPS Recombinant antibody

Catalog Number: 84230-2-RR



Basic Information

Catalog Number: 84230-2-RR	GenBank Accession Number: BC065294	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9520	CloneNo.: 241502G8
Source: Rabbit	UNIPROT ID: P55786	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: aminopeptidase puromycin sensitive	
Immunogen Catalog Number: AG36035	Observed MW: 103 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : A431 cells, HEK-293T cells, MDCK cells, mouse brain tissue, rat brain tissue

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

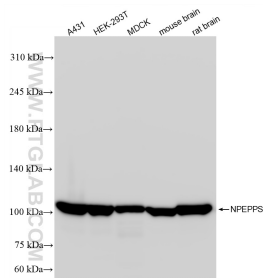
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

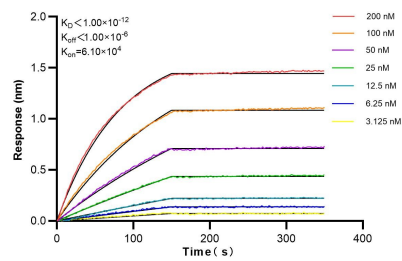
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84230-2-RR (NPEPPS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84230-2-RR against Human NPEPPS were performed. The affinity constant is below 1 pM.