

For Research Use Only

NPEPPS Recombinant antibody

Catalog Number: 84230-2-RR



Basic Information

Catalog Number:

84230-2-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36035

GenBank Accession Number:

BC065294

GeneID (NCBI):

9520

UNIPROT ID:

P55786

Full Name:

aminopeptidase puromycin sensitive

Observed MW:

103 kDa

Purification Method:

Protein A purification

CloneNo.:

241502G8

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

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

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

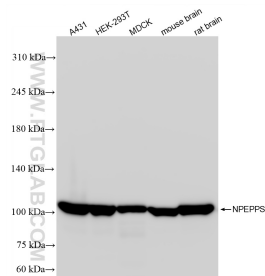
T: 4006900926

E: Proteintech-CN@ptglab.com

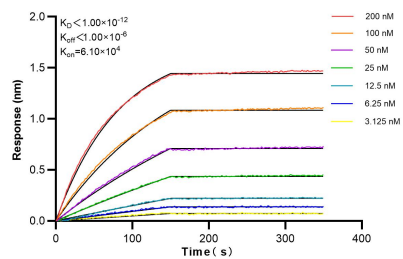
W: ptgcn.com

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Selected Validation Data



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.