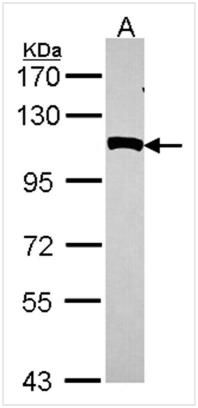
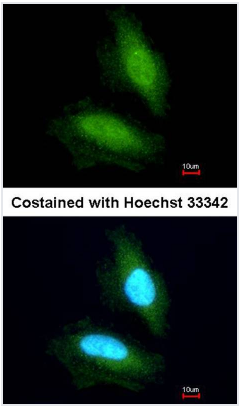
NPEPPS Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NPEPPS, Polyclonal Antibody
Full Product Name	NPEPPS antibody
Product Gene Name	anti-NPEPPS antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Purity/Purification	Purified by antigen-affinity chromatography.
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.
Molecular Weight	94,516 Da
OMIM	606793
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 284 and 574 of NPEPPS
Target Name	NPEPPS
Product Categories/Family for anti-NPEPPS antibody	Total protein Ab
Applications Tested/Suitable for anti-NPEPPS antibody	Western Blot (WB), Immunofluorescence (IF)
Application Notes for anti-NPEPPS antibody	Western blotting: 1:500-1:3000 Immunofluorescence: 1:100-1:200
Related Product Information for anti-NPEPPS antibody	This gene encodes the puromycin-sensitive aminopeptidase, a zinc metallopeptidase which hydrolyzes amino acids from the N-terminus of its substrate. The protein has been localized to both the cytoplasm and to cellular membranes. This enzyme degrades enkaphalins in the brain, and studies in mouse suggest that it is involved in proteolytic events regulating the cell cycle. [provided by RefSeq]
Other Notes	Small volumes of anti-NPEPPS antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NPEPPS purchase	MBS9409417 is an antibody targeting NPEPPS. Also known as NPEPPS antibody. Reactive in Human. Host: Rabbit.



Testing Data of anti-NPEPPS antibody
Sample (30 ug of whole cell lysate) A: Hela 7.5% SDS PAGE Primary antibody diluted at 1: 1000



Immunofluorescence (IF) of anti-NPEPPS antibody
Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using NPEPPS antibody at 1: 200 dilution.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NPEPPS. It may not necessarily be applicable to this product.

NCBI GI #	127799173
NCBI GeneID	9520
NCBI Accession #	AAH65294
UniProt Secondary Accession #	Q6P145; Q9NP16; Q9UEM2; B7Z463
UniProt Related Accession #	P55786
NCBI Official Full Name	Aminopeptidase puromycin sensitive
NCBI Official Synonym Full Names	aminopeptidase puromycin sensitive
NCBI Official Symbol	NPEPPS
NCBI Official Synonym Symbols	PSA; AAP-S; MP100
UniProt Protein Name	Puromycin-sensitive aminopeptidase
UniProt Synonym Protein Names	Cytosol alanyl aminopeptidase; AAP-S
UniProt Gene Name	NPEPPS
UniProt Synonym Gene Names	PSA; PSA; AAP-S
UniProt Entry Name	PSA_HUMAN
NCBI Protein Information	puromycin-sensitive aminopeptidase

UniProt Comments for NPEPPS	NPEPPS: Aminopeptidase with broad substrate specificity for several peptides. Involved in proteolytic events essential for cell growth and viability. May act as regulator of neuropeptide activity. Plays a role in the antigen-processing pathway for MHC class I molecules. Involved in the N-terminal trimming of cytotoxic T-cell epitope precursors. Digests the poly-Q peptides found in many cellular proteins. Digests tau from normal brain more efficiently than tau from Alzheimer disease brain. Belongs to the peptidase M1 family. Protein type: EC 3.4.11.14; Protease Chromosomal Location of Human Ortholog: 17q21 Cellular Component: nucleus; cytosol Molecular Function: metallopeptidase activity; zinc ion binding; aminopeptidase activity Biological Process: antigen processing and presentation of peptide antigen via MHC class I; protein polyubiquitination; proteolysis
Research Articles on NPEPPS	**1.** Studies indicate the critical role of M1 aminopeptidases ERAP1, ERAP2 and NPEPPS in immune-mediated diseases.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/npepps/9409417