NMS Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NMS, Polyclonal Antibody
Full Product Name	NMS (Neuromedin-S, NMS) (AP)
Product Gene Name	anti-NMS antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase.
Purity/Purification	Purified
Specificity	Recognizes human NMS. Species Crossreactivity: human
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	17,731 Da
Chromosome Location	Chromosome: 2; NC_000002.11 (101086944..101099742). Location: 2q11.2
3D Structure	ModBase 3D Structure for Q5H8A3
Immunogen	Synthetic peptide corresponding to NMS.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-NMS antibody	Antibodies; Neuroscience
Applications Tested/Suitable for anti-NMS antibody	Western Blot (WB)
Application Notes for anti-NMS antibody	WB: 1:1000 Applications are based on unconjugated antibody.
Related Product Information for anti-NMS antibody	MBS6457691 is an antibody targeting NMS. Also known as NMS (Neuromedin-S, NMS) (AP). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-NMS antibody	Mori K., et al. EMBO J. 24:325-335(2005).
Other Notes	Small volumes of anti-NMS 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.

ADDITIONAL DETAILS

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

NCBI GI #	58743316

NCBI GeneID	129521
NCBI Accession #	NP_001011717.1
UniProt Primary Accession #	Q5H8A3
UniProt Related Accession #	Q5H8A3
GenBank Nucleotide #	NM_001011717.1
NCBI Official Full Name	neuromedin-S
NCBI Official Synonym Full Names	neuromedin S
NCBI Official Symbol	NMS
UniProt Protein Name	Neuromedin-S
Protein Family	Neuromedin
UniProt Gene Name	NMS
UniProt Entry Name	NMS_HUMAN
NCBI Protein Information	neuromedin-S; prepro-NMS
NCBI Summary for NMS	This gene encodes a member of the neuromedin family of neuropeptides. The encoded protein is a precursor that is proteolytically processed to generate a biologically active neuropeptide that plays a role in the regulation of circadian rhythm, anorexigenic action, antidiuretic action, cardiovascular function and stimulation of oxytocin and vasopressin release. [provided by RefSeq, Aug 2015]
UniProt Comments for NMS	NMS: Implicated in the regulation of circadian rhythms through autocrine and/or paracrine actions. Belongs to the NmU family. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 2q11.2 Cellular Component: extracellular region Biological Process: neuropeptide signaling pathway
Research Articles on NMS	**1.** Observational study of gene-disease association. (HuGE Navigator)
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