NMS Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NMS, Polyclonal Antibody
Full Product Name	NMS (Neuromedin-S, NMS) (PE)
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 R-Phycoerythrin (PE).
Purity/Purification	Purified
Specificity	Recognizes human NMS. Species Crossreactivity: human
Preparation and Storage	Store product at 4 degree C in the dark. 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. Caution: PE conjugates are sensitive to light. 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	PE
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	MBS6457701 is an antibody targeting NMS. Also known as NMS (Neuromedin-S, NMS) (PE). 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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