

Datasheet for ABIN7601460
anti-NMS antibody (AA 36-144)



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Overview

Quantity:	100 µg
Target:	NMS
Binding Specificity:	AA 36-144
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMS antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-Nms Antibody
Immunogen:	E.coli-derived mouse Nms recombinant protein (Position: D36-N144).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Nms Antibody Picoband® (ABIN7601460). Tested in ELISA, IHC applications. This antibody reacts with Mouse, Rat.
Purification:	Immunogen affinity purified.

Target Details

Target:	NMS
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Target Details

Alternative Name:	Nms (NMS Products)
Background:	<p>Synonyms: Transmembrane protein 240, TMEM240, C1orf70,</p> <p>Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.</p> <p>Background: Neuromedin S is a 36-amino acid neuropeptide found in the brain of humans and other mammals. 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. Mice lacking the encoded neuropeptide exhibit decreased heart rate without any accompanying changes in blood pressure. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar processing to generate the mature peptide.</p>
Molecular Weight:	150 kDa
Gene ID:	433292
UniProt:	Q5H8A1

Application Details

Application Notes:	<p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Mouse, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Miyazato, M., Mori, K., Ida, T., Kojima, M., Murakami, N., Kangawa, K. Identification and functional analysis of a novel ligand for G protein-coupled receptor, neuromedin S. Regul. Pept. 145: 37-41, 2008. 2. Mori, K., Miyazato, M., Ida, T., Murakami, N., Serino, R., Ueta, Y., Kojima, M., Kangawa, K. Identification of neuromedin S and its possible role in the mammalian circadian oscillator system. EMBO J. 24: 325-335, 2005. 3. Sakamoto, T., Nakahara, K., Maruyama, K., Katayama, T., Mori, K., Miyazato, M., Kangawa, K., Murakami, N. Neuromedin S regulates cardiovascular function through the sympathetic nervous system in mice. Peptides 32: 1020-1026, 2011.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.