

Rabbit NMUR1 GPR66 Polyclonal Antibody | anti-NMUR1 antibody

NMUR1 GPR66 Antibody FITC Conjugated

CATALOG # AAA313004	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Flow Cytometry, Functional Assay, Immunofluorescence
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PRODUCT SYNONYMS

NMUR1 GPR66; Polyclonal Antibody; NMUR1 GPR66 Antibody FITC Conjugated; FM-3; G protein-coupled receptor 66; G-protein coupled receptor 66; G-protein coupled receptor FM-3; GPR66; Growth hormone secretagogue receptor family Member 3; Neuromedin U Receptor 1; Neuromedin-U receptor 1; NMU-R1; NMUR1; NMUR1_HUMAN NMUR1 GPR66; anti-NMUR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified by Protein A
Form/Format	0.01M TBS (pH 7.4) with 1% BSA, 0.03% Proclin300 and 50% glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-NMUR1 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Conjugation	FITC
Excitation Emission	494nm 518nm
Immunogen	KLH conjugated synthetic peptide derived from human NMUR1
Cell Localization	Extracellular
Preparation and Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-NMUR1 antibody	Neuromedin U is a neuropeptide with high activity on smooth muscle. It is widely expressed in gastrointestinal systems and central nervous system (CNS). Peripheral activities of neuromedin U include smooth muscle stimulation, ion transport alterations in the gut and the regulation of local blood flow and adrenocortical function. Neuromedin U receptors 1 and 2 (NMUR1 and NMUR2) are multi-pass membrane proteins that belong to the G-protein coupled receptor 1 family of proteins. Both NMUR1 and NMUR2 act as receptors for the neuromedin U neuropeptide. NMUR1 is detected in peripheral organs, particularly in urogenital and gastrointestinal systems, with highest levels in testis. Its expression in CNS is low, but the protein has been detected in cerebellum, hippocampus, dorsal root ganglia and spinal cord. NMUR2 is predominantly detected in central nervous system with highest levels detected in medulla oblongata, spinal cord and thalamus. It may also be detected in testis but has low levels of expression in peripheral tissues.
Product Categories/Family for anti-NMUR1 antibody	Conjugated Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	188497623
NCBI GeneID	10316
NCBI Accession #	NP_006047.3
NCBI GenBank Nucleotide #	NM_006056.4
UniProt Accession #	Q9HB89; O43664; Q7LDP6; Q8NE20
NCBI Official Full Name	neuromedin-U receptor 1
NCBI Official Synonym Full Names	neuromedin U receptor 1
NCBI Official Symbol	NMUR1
NCBI Official Synonym Symbols	FM3; FM-3; GPC-R; GPR66; NMU1R; (FM-3)
NCBI Protein Information	neuromedin-U receptor 1; NMU-R1; G protein-coupled receptor 66; G-protein coupled receptor 66; G-protein coupled receptor FM-3
UniProt Protein Name	Neuromedin-U receptor 1
UniProt Gene Name	NMUR1
UniProt Synonym Gene Names	GPR66; NMU-R1
UniProt Entry Name	NMUR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nmur1-gpr66-antibody-flow-cytometry-immunofluorescence-elisa/313004>