

Rabbit anti-Human NMU Polyclonal Antibody | anti-NMU antibody

NMU Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324900	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

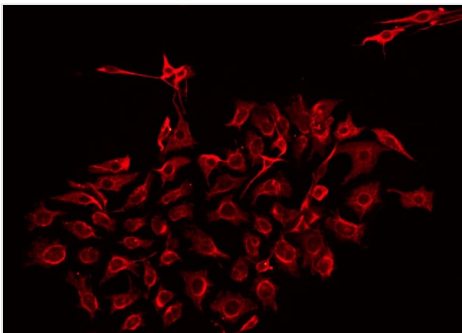
PRODUCT SYNONYMS

NMU; Polyclonal Antibody; NMU Antibody; Neuromedin U 25; Neuromedin U; Neuromedin-U-25; NmU 25; NmU-25; NMU_HUMAN; anti-NMU antibody

PRODUCT SPECIFICATIONS

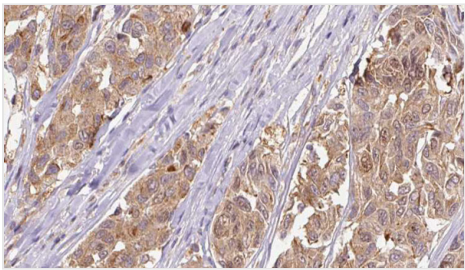
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	NMU antibody detects endogenous levels of total NMU
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	158
Applicable Applications for anti-NMU antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted.
Tissue Specificity	Expressed throughout the enteric nervous system with highest levels being found in the jejunum.
Predicted Cross Reactivity	Zebrafish, Bovine, Xenopus
Similarity	Zebrafish (100%), Bovine (89%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



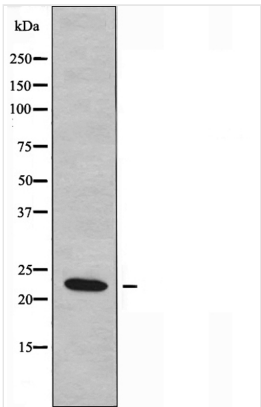
IF (Immunofluorescence)

AAA324900 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA324900 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using NMU antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NMU antibody	Function: Stimulates muscle contractions of specific regions of the gastrointestinal tract. In humans, NmU stimulates contractions of the ileum and urinary bladder. Similarity: Belongs to the NmU family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	635574602
NCBI GeneID	10874
NCBI Accession #	NP_001278974.1
NCBI GenBank Nucleotide #	NM_001292045.1
UniProt Accession #	P48645
Molecular Weight	Observed: 22 kD Predicted: 20 kDa
NCBI Official Full Name	neuromedin-U isoform 2
NCBI Official Synonym Full Names	neuromedin U
NCBI Official Symbol	NMU
NCBI Protein Information	neuromedin-U

UniProt Protein Name	Neuromedin-U
UniProt Gene Name	NMU
UniProt Synonym Gene Names	NmU-25

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://stage.aaabiotech.com/polyclonal/nmu-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324900>