

Neuromedin-U Polyclonal Antibody

Catalog No: YT3068

Reactivity: Human; Rat; Mouse;

Applications: WB;IHC;IF;ELISA

Target: Neuromedin-U

Fields: >>Neuroactive ligand-receptor interaction

Gene Name: NMU

Protein Name: Neuromedin-U

Human Gene Id: 10874

Human Swiss Prot

Prot P48645

No:

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

NMU. AA range:125-174

Specificity: Neuromedin-U Polyclonal Antibody detects endogenous levels of Neuromedin-U

protein.

Q9QXK8

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution : WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

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Observed Band: 22kD

Background : 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 pain, stress, immune-mediated inflammatory diseases and feeding regulation. Increased expression of this gene was observed in renal, pancreatic and lung cancers. Alternative splicing results in multiple transcript variants encoding different isoforms. Some of these isoforms may undergo similar processing to generate the mature peptide. [provided by

RefSeq, Jul 2015],

Function: 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.,tissue specificity:Expressed throughout the enteric nervous system with highest levels being found in the

jejunum.,

Subcellular Location:

Secreted.

Expression: Expressed throughout the enteric nervous system with highest levels being

found in the jejunum.

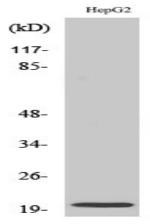
Sort : 10722

No4: 1

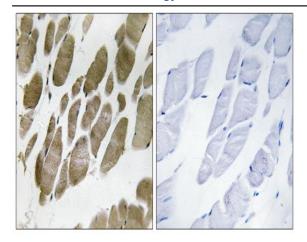
Host: Rabbit

Modifications: Unmodified

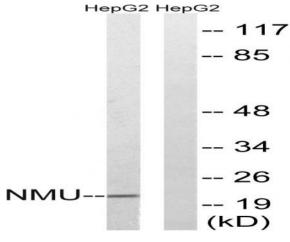
Products Images



Western Blot analysis of various cells using Neuromedin-U Polyclonal Antibody diluted at 1:500



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using NMU Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 cells, using NMU Antibody. The lane on the right is blocked with the synthesized peptide.