

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 No :	P48645
Mouse Swiss Prot No :	Q9QXK8
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.
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)

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.,

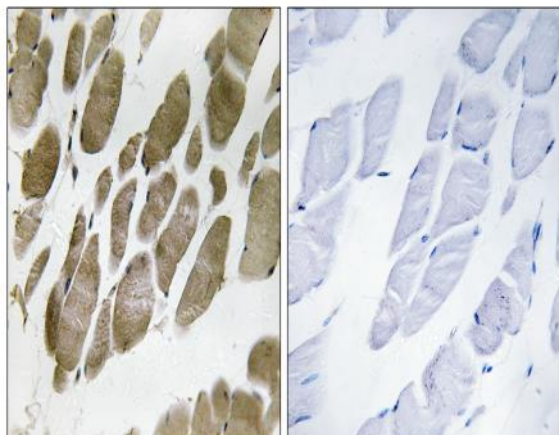
Subcellular Location : Secreted.

Expression : Expressed throughout the enteric nervous system with highest levels being found in the jejunum.

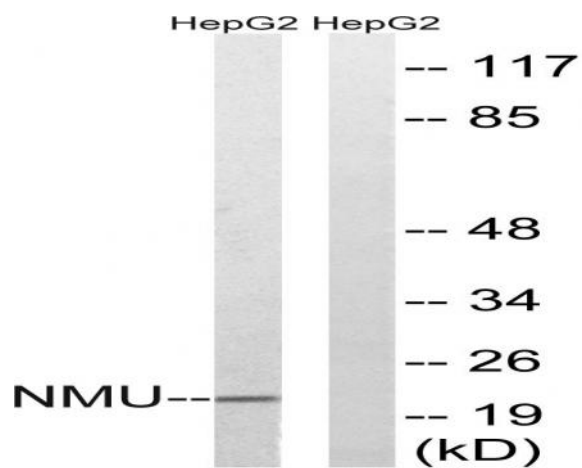
Products Images



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.