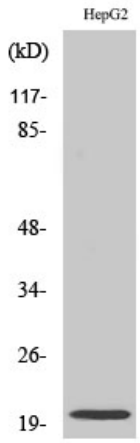
Neuromedin-U Polyclonal Antibody

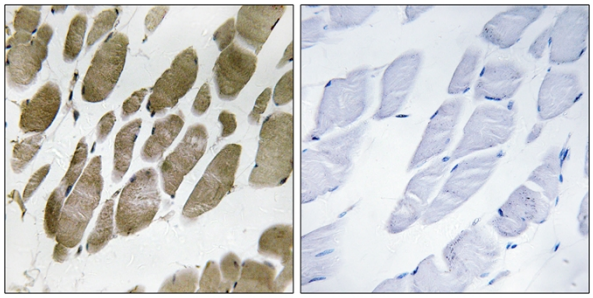
Catalog No	YP-Ab-12761
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	NMU
Protein Name	Neuromedin-U
Immunogen	The antiserum was produced against synthesized peptide derived from human NMU. AA range:125-174
Specificity	Neuromedin-U Polyclonal Antibody detects endogenous levels of Neuromedin-U protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NMU; Neuromedin-U
Observed Band	22kD
Cell Pathway	Secreted.
Tissue Specificity	Expressed throughout the enteric nervous system with highest levels being found in the jejunum.
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.,
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],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

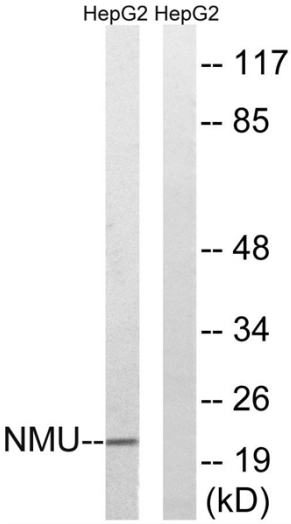
Products Images



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.