

Neuromedin-U Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05930
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human NMU. AA range:125-174
Mol wt	19741
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Neuromedin-U Antibody
Synonyms	NMU; Neuromedin-U

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

NMU encodes a member of the neuromedin family of neuropeptides. Neuromedin-U 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.

Recommended Dilution

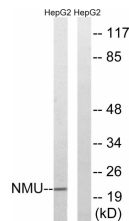
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

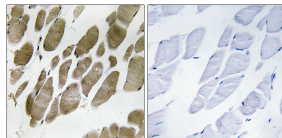
ELISA: 1: 40000

Not yet tested in other applications.

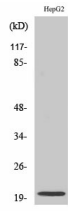
Images



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



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 various cells using Neuromedin-U Polyclonal Antibody diluted at 1:500

Storage

-20°C for one year

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