Datasheet for ABIN7247501

anti-Neuromedin U antibody

1 Image

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Overview

Quantity:	200 µL
Target:	Neuromedin U (NMU)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuromedin U antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Fusion protein of human NMU
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	Neuromedin U (NMU)
Alternative Name:	NMU (NMU Products)
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

Target Details

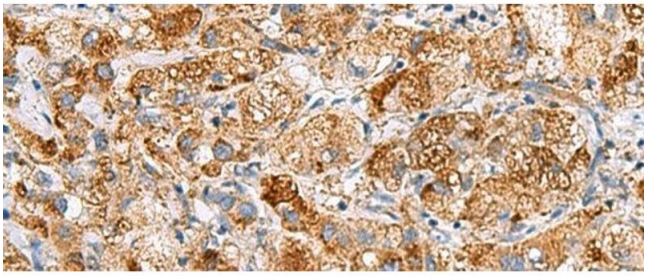
	cancers. Alternative splicing results in multiple transcript variants encoding different isoforms. Some of these isoforms may undergo similar processing to generate the mature peptide.NMU (Neuromedin U) is a Protein Coding gene. Diseases associated with NMU include Trachea Leiomyoma and Squamous Cell Papilloma. Among its related pathways are Peptide ligand-binding receptors and RET signaling. GO annotations related to this gene include receptor binding and neuromedin U receptor binding.
UniProt:	P48645
Pathways:	Feeding Behaviour, Photoperiodism

Application Details

Application Notes:	IHC 1:100-1:300, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.38 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using NMU Polyclonal Antibody at dilution of 1:80(x200)