Datasheet for ABIN1409072

anti-NMUR2 antibody (AA 181-230) (HRP)

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Overview

Quantity:	100 µL
Target:	NMUR2
Binding Specificity:	AA 181-230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMUR2 antibody is conjugated to HRP
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NMUR2
Isotype:	IgG
Predicted Reactivity:	Human,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NMUR2
Alternative Name:	NMUR2/GPR-FM4 (NMUR2 Products)
Background:	Synonyms: FM4, G protein coupled receptor FM 4, G protein coupled receptor TGR 1, G-protein

Target Details

	coupled receptor FM-4, G-protein coupled receptor TGR-1, Neuromedin U receptor 2, Neuromedin-U receptor 2, NMU R2, NMU-R2, NMU2R, NMUR2, NMUR2_HUMAN, TGR1 Background: Neuromedin U is a neuropeptide with high activity on smooth muscle. It is widely expressed in gastrointestinal systems and central nervous system (CNS). Peripheral activities of neuromedin U include smooth muscle stimulation, ion transport alterations in the gut and the regulation of local blood flow and adrenocortical function. Neuromedin U receptors 1 and 2 (NMUR1 and NMUR2) are multi-pass membrane proteins that belong to the G-protein coupled receptor 1 family of proteins. Both NMUR1 and NMUR2 act as receptors for the neuromedin U neuropeptide. NMUR1 is detected in peripheral organs, particularly in urogenital and gastrointestinal systems, with highest levels in testis. It?s expression in CNS is low, but the protein has been detected in cerebellum, hippocampus, dorsal root ganglia and spinal cord. NMUR2 is predominantly detected in central nervous system with highest levels detected in medulla oblongata, spinal cord and thalamus. It may also be detected in testis but has low levels of expression in peripheral tissues.
Gene ID:	56923
UniProt:	Q9GZQ4
Pathways:	Feeding Behaviour

Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish

Handling

	peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months