Datasheet for ABIN2773884

anti-Neuronatin (NNAT) (Middle Region) antibody

2 Images

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Overview

Quantity:	100 µL
Target:	Neuronatin (NNAT)
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NNAT
Sequence:	MAAVAAASAE LLIIGWYIFR VLLQVFRYSL QKLAYTVSRT GRQVLGERRQ
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NNAT. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Neuronatin (NNAT)

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Target Details

Alternative Name:	NNAT (NNAT Products)
Background:	The protein encoded by this gene is a proteolipid that may be involved in the regulation of ion channels during brain development. The encoded protein may also play a role in forming and maintaining the structure of the nervous system. This gene is found within an intron of the BLCAP gene, but on the opposite strand. This gene is imprinted and is expressed only from the paternal allele. Two transcript variants encoding two different isoforms have been found for this gene. Alias Symbols: MGC1439, Peg5 Protein Interaction Partner: APP, NHLRC1, UBC, Protein Size: 54
Molecular Weight:	6
Gene ID:	4826
NCBI Accession:	NM_181689, NP_859017
Pathways:	Positive Regulation of Peptide Hormone Secretion

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 54 AA
Restrictions:	For Research Use only

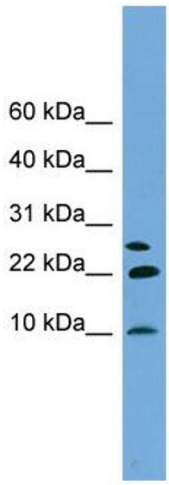
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

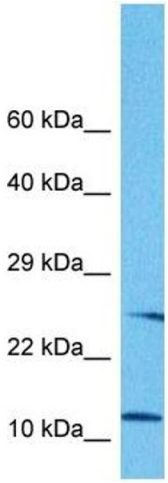
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-NNAT Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate



Western Blotting

Image 2. Host: Rabbit Target Name: NNAT Sample Tissue: Human HepG2 Whole Cell Antibody Dilution: 1ug/ml