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Datasheet for ABIN2787193

anti-NT5M antibody (Middle Region)

1 Image

Overview

Quantity:	100 µL
Target:	NT5M
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NT5M antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NT5M
Sequence:	KYAWVEKYFG PDFLEQIVLT RDKTVVSADL LIDDRPDITG AEPTPSWEHV
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 80%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NT5M. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NT5M
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Target Details

Alternative Name:	NT5M (NT5M Products)
Background:	<p>This gene encodes a 5' nucleotidase that localizes to the mitochondrial matrix. This enzyme dephosphorylates the 5'- and 2'(3')-phosphates of uracil and thymine deoxyribonucleotides. The gene is located within the Smith-Magenis syndrome region on chromoso</p> <p>Alias Symbols: dNT-2, dNT2, mdN</p> <p>Protein Interaction Partner: NT5M,</p> <p>Protein Size: 228</p>
Molecular Weight:	23 kDa
Gene ID:	56953
NCBI Accession:	NM_020201 , NP_064586
UniProt:	Q9NPB1

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 228 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
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.



Western Blotting

Image 1. WB Suggested Anti-NT5M Antibody Titration:

0.2-1 ug/ml

Positive Control: Human Liver