

Datasheet for ABIN2787192
anti-NT5M antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	NT5M
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Rabbit
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 N terminal region of human NT5M
Sequence:	ALRVLVDM DG VLADFEGGFL RKFRARFPDQ PFIALED RRG FWVSEQYGR L
Predicted Reactivity:	Cow: 100%, Dog: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NT5M. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NT5M
Alternative Name:	NT5M (NT5M Products)
Background:	This gene encodes a 5' nucleotidase that localizes to the mitochondrial matrix. This enzyme

Target Details

dephosphorylates the 5'- and 2'(3')-phosphates of uracil and thymine deoxyribonucleotides. The gene is located within the Smith-Magenis syndrome region on chromosome 17.

Alias Symbols: dNT-2, dNT2, mdN

Protein Interaction Partner: NT5M,

Protein Size: 228

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: A549 cell lysate

Western Blotting

Image 2. WB Suggested Anti-NT5M
Antibody Titration: 0.2-1 µg/mL
Positive Control: A549 cell lysate
NT5M is supported by BioGPS gene expression data to be
expressed in A549