

Datasheet for ABIN2779493
anti-NT5C3 antibody (Middle Region)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	NT5C3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Zebrafish (Danio rerio), Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NT5C3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NT5C3
Sequence:	VKVVSNFMDF DETGVLKGFK GELIHVFNKH DGALRNTEYF NQLKDNSNII
Predicted Reactivity:	Cow: 85%, Dog: 92%, Guinea Pig: 92%, Horse: 92%, Human: 100%, Mouse: 92%, Rabbit: 92%, Rat: 92%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against NT5C3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NT5C3
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Target Details

Alternative Name:	NT5C3 (NT5C3 Products)
Background:	<p>Pyrimidine 5-prime-nucleotidase (P5N), also called uridine 5-prime monophosphate hydrolase (UMPH), catalyzes the dephosphorylation of the pyrimidine 5-prime monophosphates UMP and CMP to the corresponding nucleosides. There are 2 isozymes of pyrimidine 5-prime nucleotidase in red blood cells, referred to as type I (UMPH1) and type II (UMPH2). The 2 enzymes are not separable by electrophoresis in humans but have distinct kinetic properties, and the proteins show no homology. Pyrimidine 5-prime-nucleotidase (P5N, EC 3.1.3.5), also called uridine 5-prime monophosphate hydrolase (UMPH), catalyzes the dephosphorylation of the pyrimidine 5-prime monophosphates UMP and CMP to the corresponding nucleosides. There are 2 isozymes of pyrimidine 5-prime nucleotidase in red blood cells, referred to as type I (UMPH1) and type II (UMPH2, MIM 191720). The 2 enzymes are not separable by electrophoresis in humans but have distinct kinetic properties, and the proteins show no homology.[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: MGC27337, MGC87109, MGC87828, P5'N-1, PN-I, PSN1, UMPH, UMPH1, cN-III, NT5C3</p> <p>Protein Interaction Partner: BAG3, VANGL1, NDUFAB1, GNAQ, UBC,</p> <p>Protein Size: 336</p>
Molecular Weight:	38 kDa
Gene ID:	51251
NCBI Accession:	NM_016489 , NP_057573

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 286 AA
Restrictions:	For Research Use only

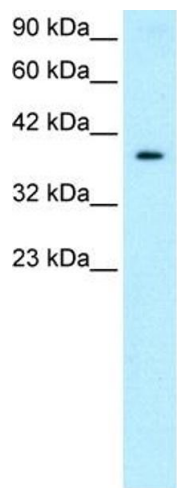
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

	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.

Images



Western Blotting

Image 1. WB Suggested Anti-NT5C3 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate