# ANTIBODIES ONLINE

## Datasheet for ABIN1108495 anti-NT5C3 antibody (Middle Region)

Image



Overview

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Overview	
Quantity:	100 µL
Target:	NT5C3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Zebrafish (Danio rerio), Dog, Chicken, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NT5C3 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen for anti-NT5C3 antibody: synthetic peptide directed towards the middle regior of human NT5C3.
Sequence:	VKVVSNFMDF DETGVLKGFK GELIHVFNKH DGALRNTEYF NQLKDNSNII
Cross-Reactivity (Details):	Species reactivity (expected):Mouse, Rat, Zebrafish, Dog, Rabbit, Bovine, Chicken, African clawed frogSpecies reactivity (tested):Human
Purification:	Purified on peptide immunoaffinity column
Target Details	
Target:	NT5C3

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Alternative Name:	NT5C3 (NT5C3 Products)

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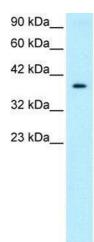
### Target Details

Background:	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). The 2 enzymes are not separable by electrophoresis in humans
	but have distinct kinetic properties, and the proteins show no homology.Synonyms: Cytosolic 5'-
	nucleotidase 3, Cytosolic 5'-nucleotidase III, P5N1, Pyrimidine 5'-nucleotidase 1, UMPH1, Uridine
	5'-monophosphate hydrolase 1, p36
Gene ID:	51251
NCBI Accession:	NP_057573

#### Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Reconstitution:	Add 50 µL of distilled water
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the lyophised antibody at -20 °C for up to one year. Store reconstitued antibody undiluted for one month or in aliquots at -20 °C long term.
Expiry Date:	12 months

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#### Western Blotting

**Image 1.** Human HepG2; WB Suggested Anti-NT5C3 Antibody Titration: 0.2-1 ug/ml. Positive Control: HepG2 cell lysate; NT5C3 antibody - middle region in Human HepG2 cells using Western Blot

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