

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



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1 Image

## 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 region of human NT5C3.
Sequence:	VKVVSNFMDF DETGVKGFK GELIHVFNKH DGALRNTEYF NQLKDNSNII
Cross-Reactivity (Details):	Species reactivity (expected): Mouse, Rat, Zebrafish, Dog, Rabbit, Bovine, Chicken, African clawed frog Species reactivity (tested): Human
Purification:	Purified on peptide immunoaffinity column

## Target Details

Target:	NT5C3
Alternative Name:	NT5C3 ( <a href="#">NT5C3 Products</a> )

## 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 lyophilised antibody at -20 °C for up to one year. Store reconstituted antibody undiluted for one month or in aliquots at -20 °C long term.

**Expiry Date:** 12 months



**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