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Product datasheet for TA330188

NT5C3 (NT5C3A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NT5C3 antibody: synthetic peptide directed towards the middle region of human NT5C3. Synthetic peptide located within the following region: VKVVSNFMDFDETGVLKGFKGELIHVFNKHDGALRNTEYFNQLKDNSNII
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	34 kDa
Gene Name:	5'-nucleotidase, cytosolic IIIA
Database Link:	NP_057573 Entrez Gene 51251 Human Q9H0P0

View online »

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; 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.

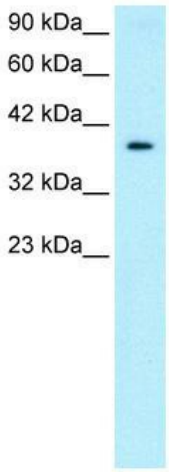
Synonyms: cN-III; hUMP1; NT5C3; P5 N-1; P5N-1; p36; PN-I; POMP; PSN1; UMPH; UMPH1

Note: Immunogen sequence homology: Human: 100%; Dog: 92%; Pig: 92%; Rat: 92%; Horse: 92%; Mouse: 92%; Rabbit: 92%; Zebrafish: 92%; Guinea pig: 92%; Bovine: 85%

Protein Families: Transmembrane

Protein Pathways: Metabolic pathways, Nicotinate and nicotinamide metabolism, Purine metabolism, Pyrimidine metabolism

Product images:



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