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NT5C3 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22008b

Product Information

Application	WB, E
Primary Accession	Q9H0P0
Other Accession	Q9D020
Reactivity	Human, Mouse
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54726
Calculated MW	37948

Additional Information

Gene ID	51251
Other Names	Cytosolic 5'-nucleotidase 3A, 3.1.3.5, Cytosolic 5'-nucleotidase 3, Cytosolic 5'-nucleotidase III, cN-III, Pyrimidine 5'-nucleotidase 1, P5'N-1, P5N-1, PN-I, Uridine 5'-monophosphate hydrolase 1, p36, NT5C3A, NT5C3, P5N1, UMPH1
Target/Specificity	This NT5C3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 282-313 amino acids from human NT5C3.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NT5C3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NT5C3A
Synonyms	NT5C3, P5N1, UMPH1

Function	Nucleotidase which shows specific activity towards cytidine monophosphate (CMP) and 7-methylguanosine monophosphate (m(7)GMP) (PubMed:24603684). CMP seems to be the preferred substrate (PubMed:15968458).
Cellular Location	Cytoplasm.
Tissue Location	Isoforms 1, 3 and 4 are expressed in reticulocytes. Isoform 4 is hardly detectable in bone marrow and fetal liver

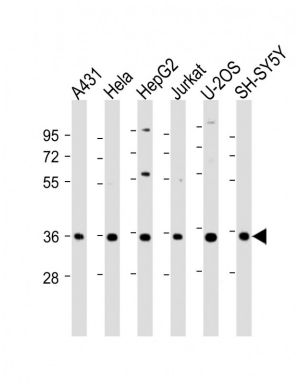
Background

Can act both as nucleotidase and as phosphotransferase.

References

Amici A.,et al.Blood 96:1596-1598(2000).
Marinaki A.M.,et al.Blood 97:3327-3332(2001).
Kanno H.,et al.Br. J. Haematol. 126:265-271(2004).
Wiemann S.,et al.Genome Res. 11:422-435(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



All lanes : Anti-NT5C3 Antibody (C-Term) at 1:2000 dilution Lane 1: A431 whole cell lysate Lane 2: Hela whole cell lysate Lane 3: HepG2 whole cell lysate Lane 4: Jurkat whole cell lysate Lane 5: U-2OS whole cell lysate Lane 6: SH-SY5Y whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 38 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.