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HIGH PERFORMANCE ANTIBODIES ... AND MORE

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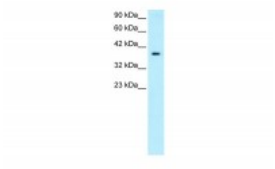
NT5C3 Antibody

CATALOG NUMBER: 27-512



Antibody used in WB on Human HepG2 at 0.2-1 ug/ml.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	NT5C3 antibody can be used for detection of NT5C3 by ELISA at 1:1562500. NT5C3 antibody can be used for detection of NT5C3 by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. 1211 - HepG2 Cell Lysate
PREDICTED MOLECULAR WEIGHT:	34 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human NT5C3.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	For short periods of storage (days) store at 4˚C. For longer periods of storage, store NT5C3 antibody at -20˚C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	NT5C3, MGC27337, MGC87109, MGC87828, P5'N-1, PN-I, PSN1, UMPH, UMPH1, cN-III, p36, POMP, NT5C3, P5N-1, hUMP1
ACCESSION NO.:	NP_001002009

PROTEIN GI NO.:	70608080
OFFICIAL SYMBOL:	NT5C3A
GENE ID:	51251

Background

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.
REFERENCES:	1) Chondrogianni, N. (2007) Exp. Gerontol. 42 (9), 899-903.

FOR RESEARCH USE ONLY

December 12, 2016