

DATASHEET

NT5C2 Rabbit Polyclonal Antibody

CAT. NO. APA16337

KEY FEATURES

Target	NT5C2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Broad specificity cytosolic 5'-nucleotidase that catalyzes the dephosphorylation of 6-hydroxypurine nucleoside 5'-monophosphates. In addition, possesses a phosphotransferase activity by which it can transfer a phosphate from a donor nucleoside monophosphate to an acceptor nucleoside, preferably inosine, deoxyinosine and guanosine. Has the highest activities for IMP and GMP followed by dIMP, dGMP and XMP. Could also catalyze the transfer of phosphates from pyrimidine monophosphates but with lower efficiency. Through these activities regulates the purine nucleoside/nucleotide pools within the cell.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

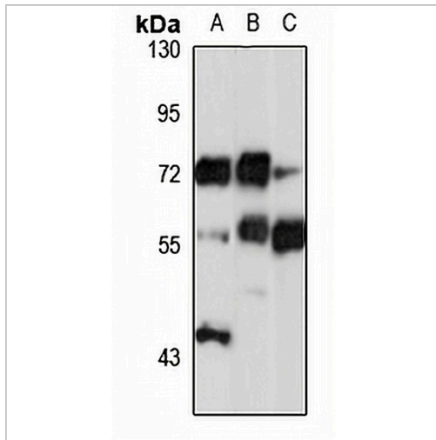
Description	Rabbit polyclonal antibody to NT5C2
Specificity	Recognizes endogenous levels of NT5C2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NT5C2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 61; Observed: 75 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	NT5B; NT5CP; PNT5; Cytosolic purine 5'-nucleotidase; Cytosolic 5'-nucleotidase II
Gene Symbol	NT5C2
Entrez Gene	22978(Human); 76952(Mouse)
SwissProt	P49902(Human); Q3V1L4(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of NT5C2 expression in HeLa (A), mouse kidney (B), rat testis (C) whole cell lysates. (Predicted band size: 61; 64 kD; Observed band size: 75 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.