

Datasheet for ABIN7149425
anti-NT5C2 antibody (AA 487-553)

2 Images

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Overview

Quantity:	100 µg
Target:	NT5C2
Binding Specificity:	AA 487-553
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NT5C2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Cytosolic purine 5\'-nucleotidase protein (487-553AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	NT5C2
Alternative Name:	NT5C2 (NT5C2 Products)
Background:	Background: May have a critical role in the maintenance of a constant composition of intracellular purine/pyrimidine nucleotides in cooperation with other nucleotidases.

Target Details

Preferentially hydrolyzes inosine 5'-'-monophosphate (IMP) and other purine nucleotides.
Aliases: 5' nucleotidase (purine) cytosolic type B antibody, 5NTC_HUMAN antibody, cN II antibody, Cytosolic 5''-nucleotidase II antibody, Cytosolic IMP/GMP-specific 5'-nucleotidase antibody, Cytosolic purine 5' nucleotidase antibody, Cytosolic purine 5''-nucleotidase antibody, GMP antibody, NT5B antibody, nt5c2 antibody, NT5CP antibody, NUCLEOTIDASE, 5-PRIME, CYTOSOLIC II antibody, NUCLEOTIDASE, 5-PRIME, TYPE B antibody, PNT5 antibody, PURINE 5-PRIME-NUCLEOTIDASE antibody

UniProt: [P49902](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

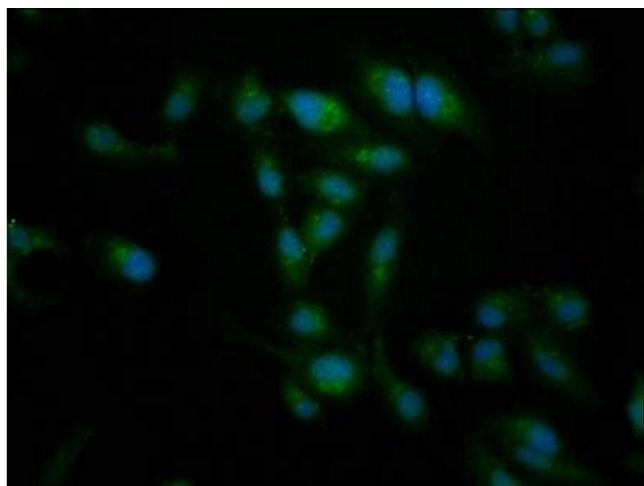
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7149425 at 1:266, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse liver tissue All lanes: NT5C2 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 65, 62 kDa Observed band size: 65 kDa