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Datasheet for ABIN656169

anti-NT5C2 antibody (N-Term)

1 Image

Overview

Quantity:	400 µL
Target:	NT5C2
Binding Specificity:	AA 5-33, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NT5C2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This NT5C2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 5-33 amino acids from the N-terminal region of human NT5C2.
Clone:	RB31664
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NT5C2
Alternative Name:	NT5C2 (NT5C2 Products)

Target Details

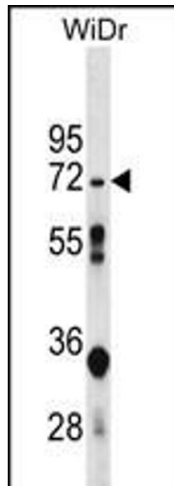
Background:	Purine 5-prime-nucleotidase (EC 3.1.3.5) preferentially hydrolyzes inosine 5-prime-monophosphate (IMP) and other purine nucleotides, and is allosterically activated by various compounds, including ATP. The enzyme is exclusively located in the cytoplasmic matrix of cells and may have a critical role in the maintenance of a constant composition of intracellular purine/pyrimidine nucleotides in cooperation with other nucleotidases.[supplied by OMIM].
Molecular Weight:	64970
Gene ID:	22978
NCBI Accession:	NP_001127845 , NP_036361
UniProt:	P49902

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	NT5C2 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. NT5C2 Antibody (N-term) (ABIN656169 and ABIN2845499) western blot analysis in WiDr cell line lysates (35 µg/lane). This demonstrates the NT5C2 antibody detected the NT5C2 protein (arrow).