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Datasheet for ABIN2780936
anti-NT5C antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	NT5C
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NT5C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Sequence:	QEETPSWEHI LFTCCHNRHL VLPPTRRRLS SWSDNWREIL DSKRGAAQRE
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against NT5C. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NT5C
Alternative Name:	NT5C (NT5C Products)
Background:	This gene encodes a nucleotidase that catalyzes the dephosphorylation of the 5' deoxyribonucleotides (dNTP) and 2'(3')-dNTP and ribonucleotides, but not 5' ribonucleotides. Of

Target Details

the different forms of nucleotidases characterized, this enzyme is unique in its preference for 5'-dNTP. It may be one of the enzymes involved in regulating the size of dNTP pools in cells.

Alternatively spliced transcript variants have been found for this gene.

Alias Symbols: DNT, DNT1, P5N2, PN-I, PN-II, UMPH2, cdN, dNT-1

Protein Interaction Partner: UBC, NT5C,

Protein Size: 201

Molecular Weight: 23 kDa

Gene ID: 30833

NCBI Accession: [NM_014595](#), [NP_055410](#)

UniProt: [Q8TCD5](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 201 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

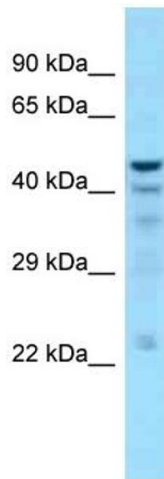
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

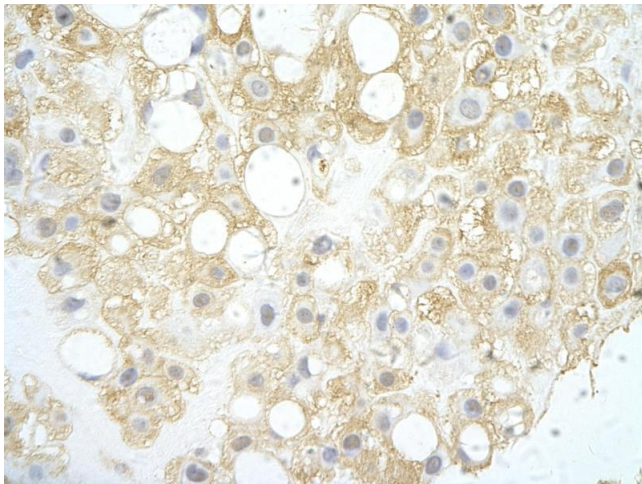
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-NT5C Antibody Titration: 1.0 ug/ml Positive Control: 721_B Whole Cell NT5C is supported by BioGPS gene expression data to be expressed in 721_B



Immunohistochemistry

Image 2. Rabbit Anti-NT5C antibody Catalog Number: ARP39112_P050 Paraffin Embedded Tissue: Human Placenta cell Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X