

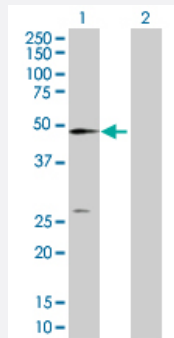
MaxPab®

NT5C2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00022978-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NT5C2 expression in transfected 293T cell line ([H00022978-T02](#)) by NT5C2 MaxPab polyclonal antibody.

Lane 1: NT5C2 transfected lysate(65.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NT5C2 protein.
Immunogen	NT5C2 (NP_036361.1, 1 a.a. ~ 561 a.a) full-length human protein.
Sequence	MSTSWSDRLQNAADMPANMDKHALKKYRREAYHRVFNRLAMEKIKCFGFDMDYTLAVYKSP EYESLGFELTVERLVSIGYPQELLSFAYDSTFPTRGLVFDTLYGNLLKVDAYGNLLVCAHGPNFIRG PETREQYPNKFQIRDDTERFYILNTLFNLPETYLLACLVDFFTNCPRYTSCETGFKDGDLFMSYRSM FQDVRDAVDWVHYKGSLEKKTVENLEKYVVKDGLPLLLSRMKEVGKVFLATNSDYKYTDKIMTY LFDFFPHGPKPGSSHRPWQSYFDLILVDARKPLFFGEGTVLRQVDTKTGKLKIGTYTGPLQHGMVYS GGSSDTICDLLGAKGKDILYIGDHIFGDILKSKKRQGWRTFLVIPELAQELHVWTDKSSLFEELQSL DIFLAELYKHLDDSSNERPDISSIQRRIKKVTHDMDMCYGMMSGSLFRSGSRQTLFASQVMRYADLY AASFNLLYPFSYLFRAAHVLMPESTVEHETHVDINEMESPLATRNRTSVDFKDTDYKRHQLTRSI SEIKPPNLFPLAPQEITHCHDEDDDEEEEEEEEE
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — NT5C2

Entrez GeneID
[22978](#)
GeneBank Accession#
[NM_012229.2](#)
Protein Accession#
[NP_036361.1](#)
Gene Name

NT5C2

Gene Alias

GMP, NT5B, PNT5, cN-II

Gene Description

5'-nucleotidase, cytosolic II

Omim ID
[600417](#)
Gene Ontology
[Hyperlink](#)
Gene Summary

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]

Other Designations

5'-nucleotidase (purine), cytosolic type B|IMP-specific 5'-NT|OTTHUMP00000059167|purine 5' nucleotidase

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)