

Rabbit anti-Human, Mouse NT5C2 Polyclonal Antibody | anti-NT5C2 antibody

NT5C2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327947	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

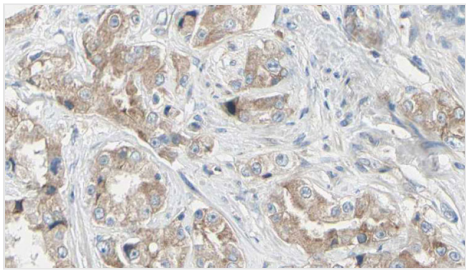
PRODUCT SYNONYMS

NT5C2; Polyclonal Antibody; NT5C2 Antibody; 5' nucleotidase (purine) cytosolic type B; 5NTC_HUMAN; cN II; Cytosolic 5"-nucleotidase II; Cytosolic IMP/GMP-specific 5'-nucleotidase; Cytosolic purine 5' nucleotidase; Cytosolic purine 5"-nucleotidase; GMP; NT5B; nt5c2; NT5CP; NUCLEOTIDASE; 5-PRIME; CYTOSOLIC II; TYPE B; PNT5; PURINE 5-PRIME-NUCLEOTIDASE; anti-NT5C2 antibody

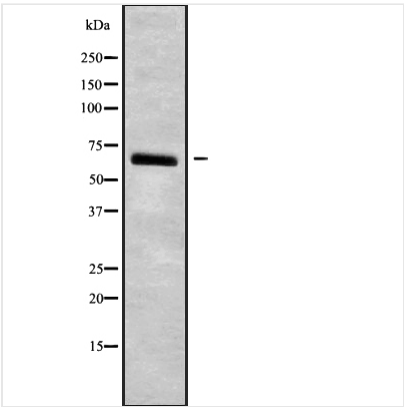
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	NT5C2 antibody detects endogenous levels of total NT5C2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	561
Applicable Applications for anti-NT5C2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NT5C2
Subcellular Location	Cytoplasm.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA327947 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis NT5C2 using NIH-3T3 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-NT5C2 antibody	Function: May have a critical role in the maintenance of a constant composition of intracellular purine/pyrimidine nucleotides in cooperation with other nucleotidases. Preferentially hydrolyzes inosine 5'-monophosphate (IMP) and other purine nucleotides. Subunit Structure: Homotetramer. Similarity: Belongs to the 5'(3')-deoxyribonucleotidase family.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	197276664
NCBI GeneID	22978
NCBI Accession #	NP_001127845.1
NCBI GenBank Nucleotide #	NM_001134373.2
UniProt Accession #	P49902; Q5JUV5; B7Z382; D3DR91
Molecular Weight	Observed: 65 kDa Predicted: 65 kDa
NCBI Official Full Name	cytosolic purine 5'-nucleotidase isoform 1
NCBI Official Synonym Full Names	5'-nucleotidase, cytosolic II
NCBI Official Symbol	NT5C2
NCBI Official Synonym Symbols	GMP; NT5B; PNT5; SPG45; SPG65; cN-II
NCBI Protein Information	cytosolic purine 5'-nucleotidase
UniProt Protein Name	Cytosolic purine 5'-nucleotidase
UniProt Gene Name	NT5C2
UniProt Synonym Gene Names	NT5B; NT5CP; PNT5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.