

Rabbit NT5C Polyclonal Antibody | anti-NT5C antibody

Phospho-NT5C (Ser184) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328540	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog	ELISA, Immunohistochemistry, Western Blot

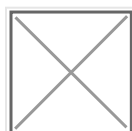
PRODUCT SYNONYMS

NT5C; Polyclonal Antibody; Phospho-NT5C (Ser184) Antibody; 3"-pyrimidine nucleotidase; 5' nucleotidase; deoxy (pyrimidine); cytosolic type C; 5"(3")-deoxyribonucleotidase; 5'(3')-deoxyribonucleotidase; cytosolic type; 5'; 3'-nucleotidase; cytosolic; 5-prime; 3-prime-nucleotidase; cdN; Cytosolic 5"; cytosolic 5'; 3'-pyrimidine nucleotidase; uridine 5'-monophosphate phosphohydrolase 2; Deoxy 5' nucleotidase 1; Deoxy-5"-nucleotidase 1; Deoxyribonucleotidase; 1; DNT; dNT-1; dNT1; Nt5c; NT5C_HUMAN; P5N2; PN-I; PN-II; Pyrimidine 5-prime nucleotidase 2; UMPH2; uridine 5-prime monophosphate hydrolase 2; anti-NT5C antibody

PRODUCT SPECIFICATIONS

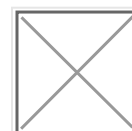
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-NT5C (Ser184) Antibody detects endogenous levels of NT5C only when phosphorylated at Ser184.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
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	201
Applicable Applications for anti-NT5C antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NT5C around the phosphorylation site of Ser184.
Tissue Specificity	Detected in skeletal muscle, heart and pancreas.
Subcellular Location	Cytoplasm
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Phospho-NT5C (Ser184) in lysates of HeLa, using Phospho-NT5C (Ser184) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining rat lung tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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

ADDITIONAL INFORMATION

Related Product Information for anti-NT5C antibody	Description: Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides, with a preference for dUMP and dTMP, intermediate activity towards dGMP, and low activity towards dCMP and dAMP.
	Subunit Structure: Homodimer.
	Similarity: Belongs to the 5'(3')-deoxyribonucleotidase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657033
NCBI GeneID	30833
NCBI Accession #	NP_055410
NCBI GenBank Nucleotide #	NP_055410.1
UniProt Accession #	Q8TCD5
Molecular Weight	Observed: 23 kDa Predicted: 24 kDa
NCBI Official Full Name	5'(3')-deoxyribonucleotidase, cytosolic type isoform 1
NCBI Official Synonym Full Names	5', 3'-nucleotidase, cytosolic
NCBI Official Symbol	NT5C
NCBI Official Synonym Symbols	DNT; cdN; DNT1; P5N2; PN-I; HEL74; PN-II; UMPH2; dNT-1
NCBI Protein Information	5'(3')-deoxyribonucleotidase, cytosolic type
UniProt Protein Name	5'(3')-deoxyribonucleotidase, cytosolic type
UniProt Gene Name	NT5C
UniProt Synonym Gene Names	DNT1; UMPH2; dNT-1
UniProt Entry Name	NT5C_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nt5c-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328540>