

Rabbit anti-Human, Mouse NT5C1A Polyclonal Antibody | anti-NT5C1A antibody

NT5C1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324650	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

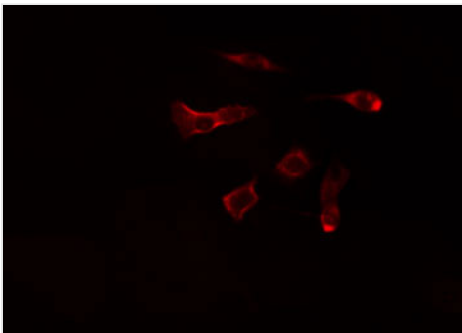
PRODUCT SYNONYMS

NT5C1A; Polyclonal Antibody; NT5C1A Antibody; 5' nucleotidase cytosolic 1A; 5NT1A_HUMAN; AMP specific 5' NT; CN I; CN 1A; cN-I; cN-1A; CN1; cN1A; cNI; cN1A; Cytosolic 5' nucleotidase 1A; Cytosolic 5' nucleotidase 1A; Cytosolic 5' nucleotidase type 1A; Cytosolic 5"-nucleotidase 1A; Cytosolic 5"-nucleotidase 1A; MGC119199; MGC119201; nucleotidase; 5-prime; cytosolic; 1A; anti-NT5C1A antibody

PRODUCT SPECIFICATIONS

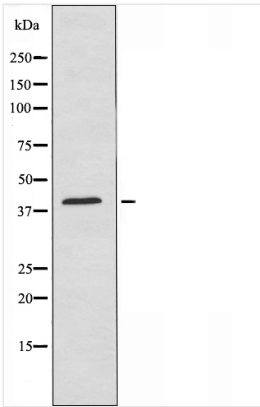
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	NT5C1A antibody detects endogenous levels of total NT5C1A
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	368
Applicable Applications for anti-NT5C1A antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Tissue Specificity	Highly expressed in skeletal muscle. Detected at intermediate levels in heart, brain, kidney and pancreas.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (91%), Bovine (91%), Horse (100%), Sheep (91%), Rabbit (91%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324650 staining MCF7 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from MCF-7 cells using NT5C1A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NT5C1A antibody

Function: Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides and has a broad substrate specificity. Helps to regulate adenosine levels in heart during ischemia and hypoxia.
Similarity: Belongs to the 5'-nucleotidase type 3 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14210538
NCBI GeneID	84618
NCBI Accession #	NP_115915.1
NCBI GenBank Nucleotide #	NM_032526.2
UniProt Accession #	Q9BXI3; Q3SYB9; Q5TG98; Q9BWT8
Molecular Weight	Observed: 41 kD Predicted: 42 kDa
NCBI Official Full Name	cytosolic 5'-nucleotidase 1A
NCBI Official Synonym Full Names	5'-nucleotidase, cytosolic 1A
NCBI Official Symbol	NT5C1A
NCBI Official Synonym Symbols	CN1; CNI; CN-I; CN1A; CN-IA
NCBI Protein Information	cytosolic 5'-nucleotidase 1A
UniProt Protein Name	Cytosolic 5'-nucleotidase 1A
UniProt Gene Name	NT5C1A
UniProt Synonym Gene Names	cN1A; cN-I; cN-IA

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.