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**

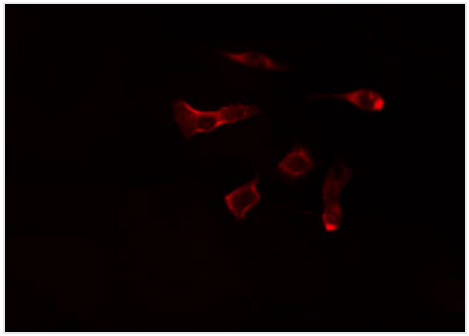
PRODUCT SYNONYMS

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

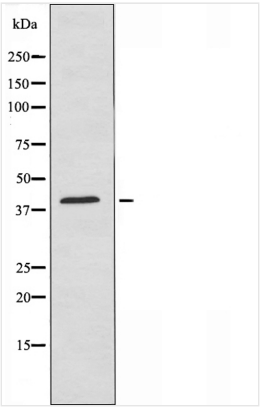
PRODUCT SPECIFICATIONS

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 IA
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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/nt5c1a-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324650