

NT5C1A Antibody

Catalog No: #34634

Package Size: #34634-1 50ul #34634-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

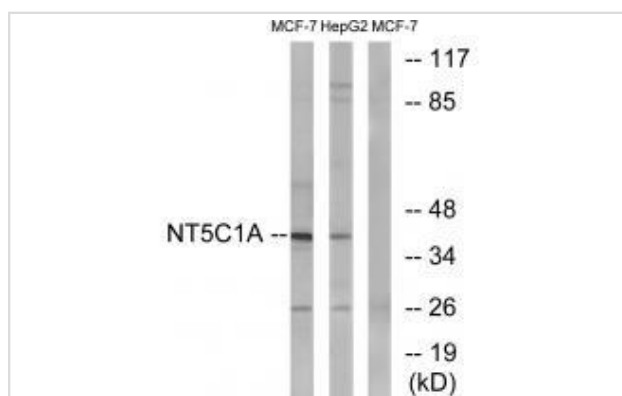
Product Name	NT5C1A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total NT5C1A protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human NT5C1A.
Target Name	NT5C1A
Other Names	'nucleotidase; cytosolic IA; 5NT1A; CN-I; CN-IA
Accession No.	Swiss-Prot: Q9BXI3NCBI Gene ID: 84618
Uniprot	Q9BXI3
GeneID	84618;
SDS-PAGE MW	41kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

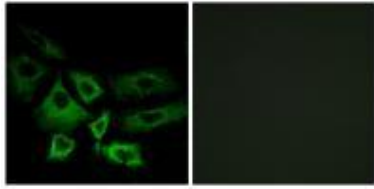
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from MCF-7 cells and HepG2 cells, using NT5C1A antibody #34634.

Immunofluorescence analysis of A549 cells, using NT5C1A antibody #34634.



Background

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.

Hunsucker S.A., J. Biol. Chem. 276:10498-10504(2001).

Gregory S.G., Nature 441:315-321(2006).

The MGC Project Team; Genome Res. 14:2121-2127(2004).

Note: This product is for in vitro research use only