

NT5C1A Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50612

Specification

NT5C1A Antibody - Product Information

Application	IF, WB
Primary Accession	Q9BXI3
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41 KDa
Antigen Region	165-192

NT5C1A Antibody - Additional Information

Gene ID 84618

Other Names

Cytosolic 5'-nucleotidase 1A, cN1A,
Cytosolic 5'-nucleotidase 1A, cN-I, cN-1A,
NT5C1A

Dilution

IF~~1:100
WB~~ 1:1000

Format

Rabbit IgG in phosphate buffered saline
(without Mg²⁺ and Ca²⁺), pH 7.4, 150mM
NaCl, 0.09% (W/V) sodium azide and 50%
glycerol.

Storage Conditions

-20°C

NT5C1A Antibody - Protein Information

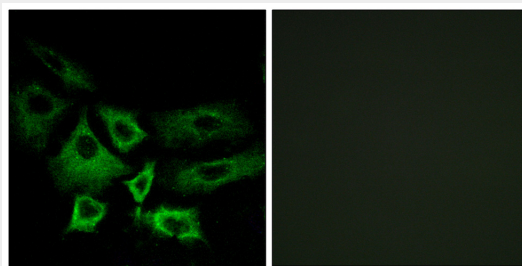
Name NT5C1A

Function

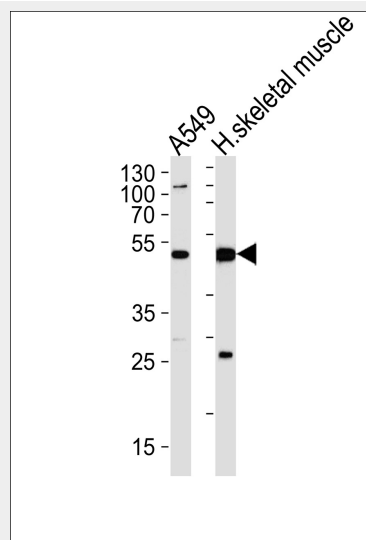
Dephosphorylates the 5' and
2'(3')-phosphates of deoxyribonucleotides
and has a broad substrate specificity. Helps
to regulate adenosine levels in heart during
ischemia and hypoxia.

Cellular Location

Cytoplasm.



Immunofluorescence analysis of A549 cells,
using NT5C1A antibody.



Western blot analysis of lysates from A549
cell line and human skeletal muscle tissue
lysate(from left to right),using NT5C1A
Antibody(AP50612). AP50612 was diluted at
1:1000 at each lane. A goat anti-rabbit IgG
H&L(HRP) at 1:5000 dilution was used as the
secondary antibody.Lysates at 35ug per lane.

NT5C1A Antibody - Background

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2'(3')-phosphates of deoxyribonucleotides and
has a broad substrate specificity. Helps to
regulate adenosine levels in heart during
ischemia and hypoxia.

Tissue Location

Highly expressed in skeletal muscle.
Detected at intermediate levels in heart,
brain, kidney and pancreas

NT5C1A Antibody - References

Hunsucker S.A., et al. J. Biol. Chem.
276:10498-10504(2001).
Lowenstein J.M., et al. Submitted (MAR-2001) to
the EMBL/GenBank/DDBJ databases.
Gregory S.G., et al. Nature 441:315-321(2006).

NT5C1A Antibody - Protocols

Provided below are standard protocols that you
may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)