

Anti-NT5C1B Antibody
Catalog # AP53793**Specification**

Anti-NT5C1B Antibody - Product Information

Application	WB, IF, IHC
Primary Accession	Q96P26
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68804

Anti-NT5C1B Antibody - Additional Information**Gene ID** 100526794;93034**Other Names**

AIRP; Cytosolic 5'-nucleotidase 1B; cN1B; Autoimmune infertility-related protein; Cytosolic 5'-nucleotidase 1B; cN-1B

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NT5C1B. The exact sequence is proprietary.

Dilution

WB~~1/500 - 1/1000

IF~~1/50 - 1/200

IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-NT5C1B Antibody - Protein Information**Name** NT5C1B**Synonyms** AIRP**Function**

Catalyzes the hydrolysis of nucleotide monophosphates, releasing inorganic phosphate and the corresponding nucleoside, AMP is the major substrate.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q9BXI3}.

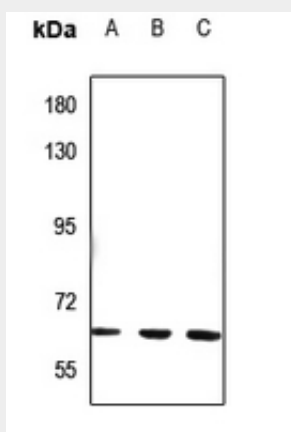
Tissue Location

Highly expressed in testis, placenta and pancreas. Detected at lower levels in heart, kidney, liver and lung

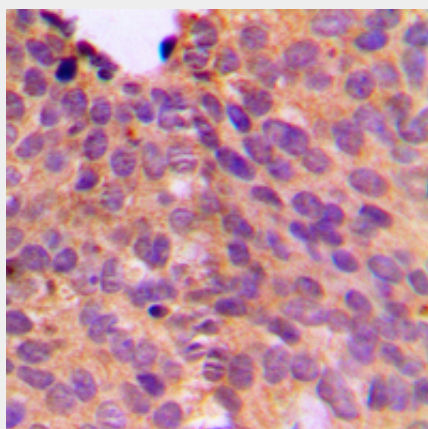
Anti-NT5C1B Antibody - Protocols

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

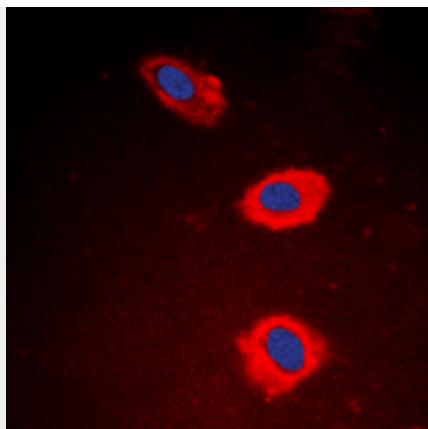
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-NT5C1B Antibody - Images

Western blot analysis of NT5C1B expression in BV2 (A), MCF7 (B), H1792 (C) whole cell lysates.



Immunohistochemical analysis of NT5C1B staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of NT5C1B staining in EAhy926 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Anti-NT5C1B Antibody - Background

Rabbit polyclonal antibody to NT5C1B