

ADORA2B Rabbit pAb

Catalog No.: A1953

1 Publications

Basic Information

Observed MW

36kDa/30-50 kDa

Calculated MW

36kDa

Category

Primary antibody

Applications

WB, IF/ICC, ELISA

Cross-Reactivity

Mouse, Rat

Background

This gene encodes an adenosine receptor that is a member of the G protein-coupled receptor superfamily. This integral membrane protein stimulates adenylate cyclase activity in the presence of adenosine. This protein also interacts with netrin-1, which is involved in axon elongation. The gene is located near the Smith-Magenis syndrome region on chromosome 17.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

136

Swiss Prot

P29275

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

ADORA2; ADORA2B

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

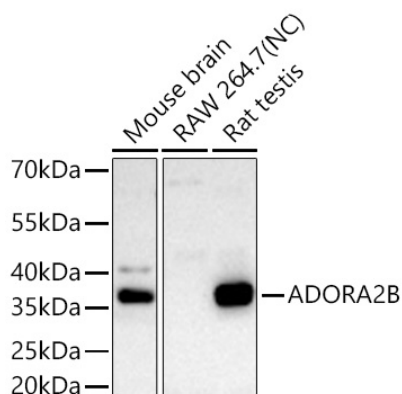
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or Thimerosal (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using ADORA2B Rabbit pAb (A1953) at 1:1000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

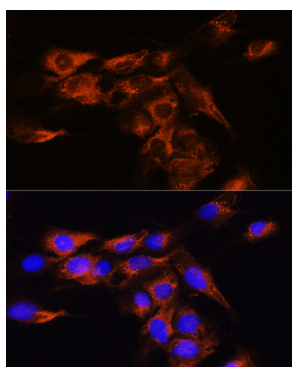
Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Negative control (NC): RAW 264.7.

Exposure time: 90 s.



Immunofluorescence analysis of C6 cells using ADORA2B Rabbit pAb (A1953) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.