

## ADORA2B Rabbit pAb

Catalog Number: bs-5900R

Target Protein: ADORA2B

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human, Mouse, Rat

Predicted MW: 37 kDa

Entrez Gene: 136

Swiss Prot: P29275

Source: KLH conjugated synthetic peptide derived from human ADORA2B: 101-200/332.

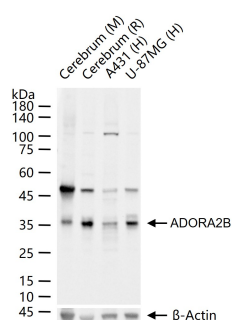
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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. [provided by RefSeq, Jul 2008].

## VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with ADORA2B polyclonal antibody, unconjugated (bs-5900R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

## PRODUCT SPECIFIC PUBLICATIONS

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[IF=14.903] Gaona Shi. et al. Bone-derived MSCs encapsulated in alginate hydrogel prevent collagen-induced arthritis in mice through the activation of adenosine A2A/2B receptors in tolerogenic dendritic cells. ACTA PHARM SIN B. 2023 Apr;; WB ; Mouse . 10.1016/j.apsb.2023.04.003

[IF=6.1] Xue-qi Liu. et al. Blocking ATP-P1Rs axis attenuate alcohol-related liver fibrosis. LIFE SCI. 2023 Jun;;121896 IHC ; Mouse . 37385371

[IF=4.848] Alina V. Meyer. et al. Host CD39 Deficiency Affects Radiation-Induced Tumor Growth Delay and Aggravates Radiation-Induced Normal Tissue Toxicity. Front Oncol. 2020; 10: 554883 FCM ; Mouse . 33194619

[IF=5.4] Huan Wang. et al. The Scutellaria-Coptis herb couple and its active small-molecule ingredient wogonoside alleviate cytokine storm by regulating the CD39/NLRP3/GSDMD signaling pathway. J ETHNOPHARMACOL. 2024 Apr;;118155 Other ; . 38593962

[IF=3.061] Shi L et al. Adenosine Interaction with Adenosine Receptor A2a Promotes Gastric Cancer Metastasis by Enhancing PI3K-AKT-mTOR Signaling. Mol Biol Cell. 2019 Jul 24;mbcE19030136. WB,IHC,ICC ; Human . 31339445