

Rabbit Anti-ADORA2B antibody

SL10205R

Product Name ADORA2B

Chinese Name 腺苷 A2b 受体/神经生长因子 1 受体抗体

Alias Adenosine A2b Receptor; adora 2; adora 2b; ADORA2; ADORA2B; HGNC:264; Netrin 1 receptor; AA2BR_HUMAN.

Immunogen Species Rabbit

Clonality Polyclonal

React Species Human,Mouse,Rat

Applications IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 37kDa

Cellular localization The cell membrane

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human ADORA2B: 251-300/332 <Extracellular>

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

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

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

Product Detail 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].

Function:

Receptor for adenosine. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

P29275

Gene ID:

136

Database links:

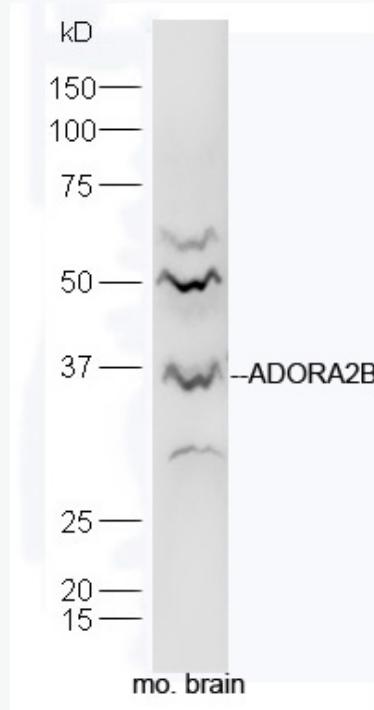
[Entrez Gene: 136](#) Human

[Omim: 600446](#) Human

[SwissProt: P29275](#) Human

[Unigene: 167046](#) Human

**Product
Picture**



Sample:

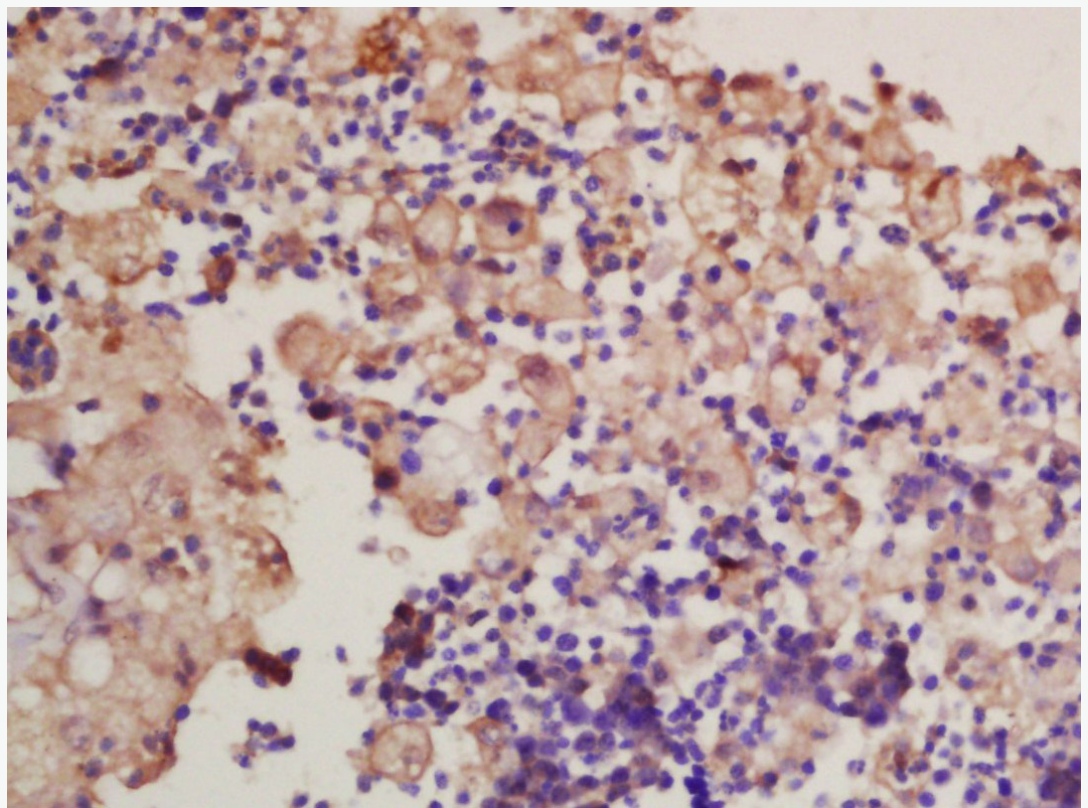
brain (Mouse) Lysate at 40 ug

Primary: Anti-ADORA2B (SL10205R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 37 kD

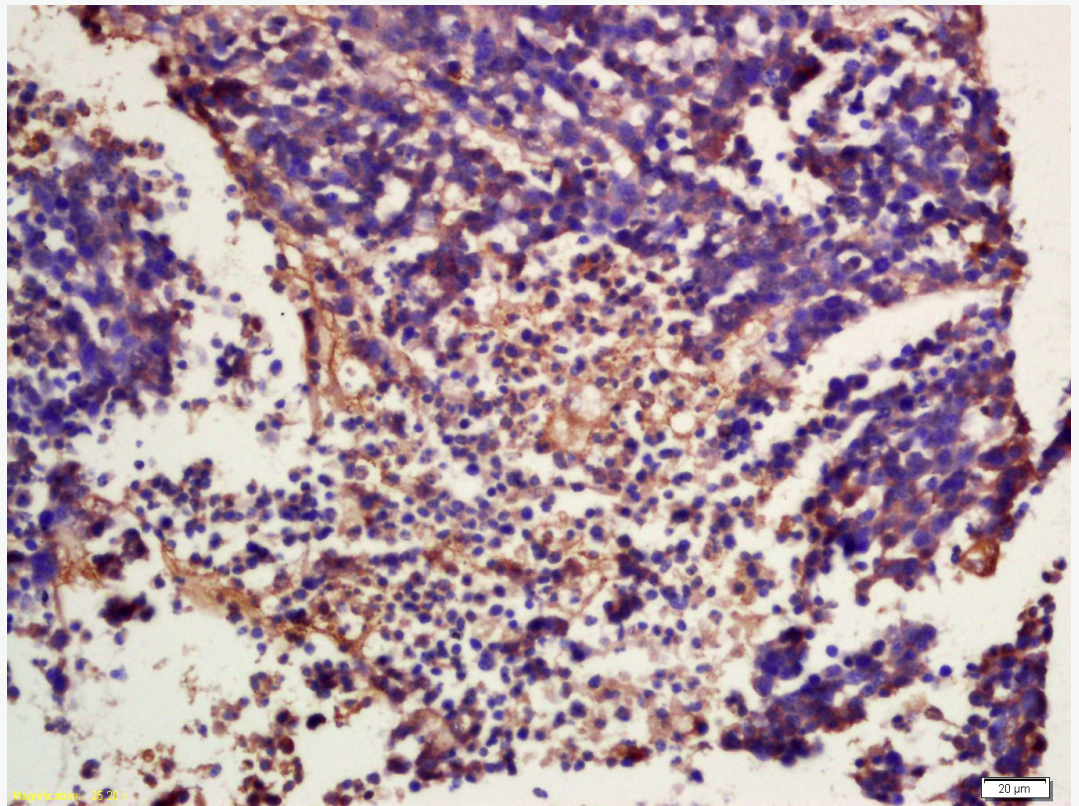
Observed band size: 37 kD



Tissue/cell: human glioma tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-ADORA2B Polyclonal Antibody, Unconjugated(SL10205R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



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