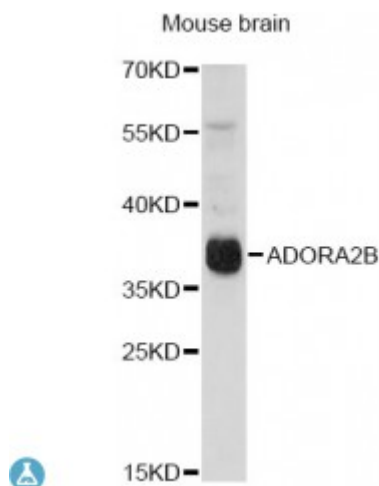


## Anti-ADORA2B Antibody



### Description

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.

|                         |                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Model</b>            | STJ117791                                                                                                  |
| <b>Host</b>             | Rabbit                                                                                                     |
| <b>Reactivity</b>       | Mouse, Rat                                                                                                 |
| <b>Applications</b>     | WB                                                                                                         |
| <b>Immunogen</b>        | A synthetic peptide corresponding to a sequence within amino acids 100-200 of human ADORA2B (NP_000667.1). |
| <b>Gene ID</b>          | <a href="#">136</a>                                                                                        |
| <b>Gene Symbol</b>      | <a href="#">ADORA2B</a>                                                                                    |
| <b>Dilution range</b>   | WB 1:500 - 1:2000                                                                                          |
| <b>Purification</b>     | Affinity purification                                                                                      |
| <b>Note</b>             | For Research Use Only (RUO).                                                                               |
| <b>Protein Name</b>     | Adenosine receptor A2b                                                                                     |
| <b>Molecular Weight</b> | 36.333 kDa                                                                                                 |
| <b>Clonality</b>        | Polyclonal                                                                                                 |
| <b>Conjugation</b>      | Unconjugated                                                                                               |

|                              |                                                                                                                 |
|------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Isotype</b>               | IgG                                                                                                             |
| <b>Formulation</b>           | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                               |
| <b>Storage Instruction</b>   | Store at -20C. Avoid freeze / thaw cycles.                                                                      |
| <b>Database Links</b>        | <a href="#">HGNC:264OMIM:600446Reactome:R-HSA-417973</a>                                                        |
| <b>Alternative Names</b>     | Adenosine receptor A2b                                                                                          |
| <b>Function</b>              | Receptor for adenosine, The activity of this receptor is mediated by G proteins which activate adenylyl cyclase |
| <b>Cellular Localization</b> | Cell membrane                                                                                                   |

---

**St John's Laboratory Ltd**

**F** +44 (0)207 681 2580

**T** +44 (0)208 223 3081

**W** <http://www.stjohnslabs.com/>

**E** [info@stjohnslabs.com](mailto:info@stjohnslabs.com)