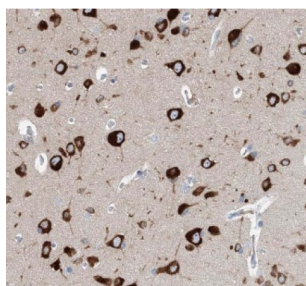


# Calcium Channel, Voltage Dependent, N-Type, Alpha 1B Subunit (CACNA1B) Antibody

Catalogue No.: abx231171



WB analysis of mouse brain tissue, using CACNA1B antibody (1/300 dilution).



IHC-P analysis of mouse brain tissue, using CACNA1B Antibody (1/100 dilution). Heat-mediated antigen retrieval was carried out with Tris-EDTA buffer, pH 9.

CACNA1B Antibody is a Rabbit Polyclonal against CACNA1B.

**Target:** Calcium Channel, Voltage Dependent, N-Type, Alpha 1B Subunit (CACNA1B)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** ELISA, WB, IHC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/200 - 1/1000, IHC: 1/50 - 1/500. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** calcium channel, voltage-dependent, N type, alpha 1B subunit

**Isotype:** IgG

**Form:** Liquid

# Datasheet

Version: 2.0.0  
Revision date: 01 Oct 2025



|                            |                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity:</b>             | ≥ 95% (SDS-PAGE)                                                                                                                           |
| <b>Purification:</b>       | Purified by immunogen affinity chromatography.                                                                                             |
| <b>Storage:</b>            | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                             |
| <b>Validity:</b>           | 12 months.                                                                                                                                 |
| <b>UniProt Primary AC:</b> | Q00975 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                |
| <b>Gene Symbol:</b>        | CACNA1B                                                                                                                                    |
| <b>GeneID:</b>             | <a href="#">774</a>                                                                                                                        |
| <b>OMIM:</b>               | <a href="#">601012</a>                                                                                                                     |
| <b>HGNC:</b>               | 1389                                                                                                                                       |
| <b>KEGG:</b>               | hsa:774                                                                                                                                    |
| <b>Ensembl:</b>            | ENSG00000148408                                                                                                                            |
| <b>String:</b>             | <a href="#">9606.ENSP00000360423</a>                                                                                                       |
| <b>Molecular Weight:</b>   | Observed MW: 262 kDa                                                                                                                       |
| <b>Buffer:</b>             | PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.                                                                                     |
| <b>Concentration:</b>      | 2 mg/ml                                                                                                                                    |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |