Leader in Biomolecular Solutions for Life Science

GRIN2C Rabbit pAb

ABclonal Technology
www.abclonal.com

Catalog No.: A14241

Basic Information

Observed MW
134kDa

Calculated MW
134kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Mouse

Background

This gene encodes a subunit of the N-methyl-D-aspartate (NMDA) receptor, which is a subtype of ionotropic glutamate receptor. NMDA receptors are found in the central nervous system, are permeable to cations and have an important role in physiological processes such as learning, memory, and synaptic development. The receptor is a tetramer of different subunits (typically heterodimer of subunit 1 with one or more of subunits 2A-D), forming a channel that is permeable to calcium, potassium, and sodium, and whose properties are determined by subunit composition. Alterations in the subunit composition of the receptor are associated with pathophysiological conditions such as Parkinson's disease, Alzheimer's disease, depression, and schizophrenia. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB	1:500 - 1:1000

Immunogen Information

Gene ID
2905

Swiss Prot
Q14957

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 20-350 of human GRIN2C (NP_000826.2).

Synonyms
NR2C; GluN2C; NMDAR2C; GRIN2C

Contact

🌐 | www.abclonal.com

Product Information

Source
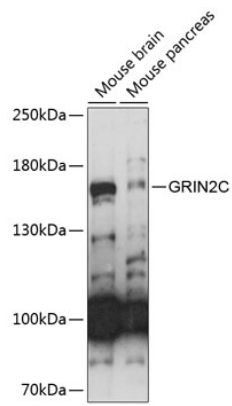Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data

Western blot analysis of various lysates using GRIN2C Rabbit pAb (A14241) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 30s.