Product datasheet

Anti-Ionotropic glutamate receptor 2 + 3 antibody
ab27225

2 References  1 Image

Overview

Product name                Anti-Ionotropic glutamate receptor 2 + 3 antibody
Description                 Rabbit polyclonal to Ionotropic glutamate receptor 2 + 3
Host species                Rabbit
Tested applications         Suitable for: IHC-P
Species reactivity          Reacts with: Human
                              Predicted to work with: Mouse, Rat, Pigeon, Bird, Monkey
Immunogen                   Synthetic peptide within Human Ionotropic glutamate receptor 2 + 3 aa 850 to the C-terminus (C terminal). The exact sequence is proprietary.
                              Database link: P42262
General notes               This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.

Properties

Form                        Liquid
Storage instructions        Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer              pH: 7.60
                              Preservative: 0.1% Sodium azide
                              Constituents: PBS, 1% BSA
Purity                      Immunogen affinity purified
Purification notes          This antibody was affinity purified.
Clonality                   Polyclonal
Isotype                     IgG

Applications

Our Abpromise guarantee covers the use of ab27225 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Ion channels activated by glutamate are typically divided into two classes. Those sensitive to N-methyl-D-aspartate (NMDA) are designated NMDA receptors (NMDAR) while those activated by a-amino-3-hydroxy-5-methyl-4-isoxalone propionic acid (AMPA) are known as AMPA receptors (AMPAR). AMPAR are comprised of four distinct Glutamate Receptor Subunits (GluR1-4) and they play key roles in almost all excitatory neurotransmission in the brain. The GluR2 subunit is widely expressed throughout the nervous system where it is thought to play key roles in synaptic plasticity and learning and memory.

Cellular localization

Cell Membrane; multi-pass membrane protein.

Images

Ab27225 at a dilution of 1/50, staining ionotropic Glutamate Receptor 2+3 in Human cerebellum by Immunohistochemistry (formalin fixed, paraffin embedded sections).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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