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Product Datasheet

Anti-GluR1-Subunit (Ser831) Antibody, Rabbit, Polyclonal ABT-AN1416

Article Name	Anti-GluR1-Subunit (Ser831) Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ABT-AN1416
Supplier Catalog Number	AN1416
Alternative Catalog Number	ABT-AN1416-100UL
Manufacturer	Abcepta
Host	Rabbit
Category	Antikörper
Product Description	The ion channels activated by glutamate are typically divided into two classes. Those that are sensitive to N-methyl-D-aspartate (NMDA) are designated NMDA receptors (NMDAR) while those activated by alpha-amino-3-hydroxy-5-methyl-4-isoxalolone propionic acid (AMPA) are designated AMPA receptors (AMPAR). This antibody is directed against the GluR1 subunit of the AMPA receptor. The GluR1 subunit is a key component of the AMPA receptor, which is composed of four subunits (GluR1-4). The antibody is polyclonal, meaning it is produced by the immune system in response to multiple different epitopes on the GluR1 subunit. The antibody is purified from pooled serum, which means that it is collected from the blood of multiple rabbits that have been immunized with the same antigen. The antibody is affinity-purified, which means that it is further refined to remove any non-specific antibodies or other proteins that may have been present in the original serum. The antibody is used for various applications, including Western blotting, immunofluorescence, and immunohistochemistry. It is particularly useful for studying the distribution and function of AMPA receptors in different tissues and cell types. The antibody has a molecular weight of 101579 and an NCBI ID of 50592. The UniProt ID is P19490. The antibody is purified from Pooled Serum.
Clonality	Polyclonal
Molecular Weight	101579
NCBI	50592
UniProt	P19490
Form	Antigen Affinity Purified from Pooled Serum
Target	The ion channels activated by glutamate are typically divided into two classes. Those that are sensitive to N-methyl-D-aspartate (NMDA) are designated NMDA receptors (NMDAR) while those activated by alpha-amino-3-hydroxy-5-methyl-4-isoxalolone propionic acid (AMPA) are designated AMPA receptors (AMPAR). This antibody is directed against the GluR1 subunit of the AMPA receptor. The GluR1 subunit is a key component of the AMPA receptor, which is composed of four subunits (GluR1-4). The antibody is polyclonal, meaning it is produced by the immune system in response to multiple different epitopes on the GluR1 subunit. The antibody is purified from pooled serum, which means that it is collected from the blood of multiple rabbits that have been immunized with the same antigen. The antibody is affinity-purified, which means that it is further refined to remove any non-specific antibodies or other proteins that may have been present in the original serum. The antibody is used for various applications, including Western blotting, immunofluorescence, and immunohistochemistry. It is particularly useful for studying the distribution and function of AMPA receptors in different tissues and cell types. The antibody has a molecular weight of 101579 and an NCBI ID of 50592. The UniProt ID is P19490. The antibody is purified from Pooled Serum.