

## Datasheet for ABIN6990821 **anti-GRIK2 antibody (C-Term)**



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### Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 0.1 mg                               |
| Target:              | GRIK2                                |
| Binding Specificity: | C-Term                               |
| Reactivity:          | Human, Mouse, Rat                    |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This GRIK2 antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA         |

### Product Details

|               |   |
|---------------|---|
| Immunogen:    | Grik2 antibody was raised against a 13 amino acid synthetic peptide near the carboxy terminus of the human Grik2. The immunogen is located within the last 50 amino acids of Grik2. |
| Isotype:      | IgG   |
| Purification: | Grik2 Antibody is affinity chromatography purified via peptide column.  |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | GRIK2  |
| Alternative Name: | Grik2 ( <a href="#">GRIK2 Products</a> )   |
| Background:       | Grik2 Antibody: Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes.<br>Grik2, also known as glutamate receptor 6, belongs to the kainate family of glutamate |

## Target Details

receptors, which are composed of four subunits and function as ligand-activated ion channels. Recent reports have suggested that defects in the Grik2 protein may be associated with autosomal recessive mental retardation and possibly other neurological disorders such as schizophrenia. Numerous isoforms of Grik2 are known to exist and may be subject to RNA editing within the second transmembrane domain, which is thought to alter the properties of ion flow. This Grik2 antibody may exhibit some cross-reactivity to Grik3.

Gene ID: 2898

UniProt: [Q13002](#)

Pathways: [Synaptic Membrane](#), [Regulation of long-term Neuronal Synaptic Plasticity](#)

## Application Details

Application Notes: Grik2 antibody can be used for detection of Grik2 by Western blot at 0.5 - 1 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Grik2 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: Grik2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.