BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Grik2 Antibody

Catalog Number: A03374-1

About GRIK2

Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. Grik2, also known as glutamate receptor 6, belongs to the kainate family of glutamate 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.

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Overview

Product Name	Anti-Grik2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Grik2 Antibody (Catalog # A03374-1). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Grik2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Grik2 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q13002

Technical Details

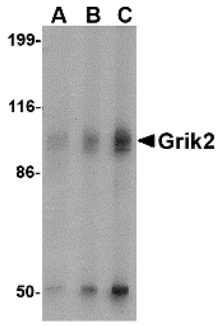
Immunogen	Grik2 antibody was raised against a 13 amino acid synthetic peptide near the carboxy terminus of the human Grik2. The immunogen is located within the last 50 amino acids of Grik2.
Predicted Reactive Species	Rat

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Grik2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Grik2 antibody can be used for detection of Grik2 by Western blot at 0.5 - 1 ug/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-Grik2 Antibody (A03374-1) Images



Western blot analysis of Grik2 in human brain tissue lysate with Grik2 antibody at (A) 0.5 and (B) 1 ug/mL.

Anti-Grik2 Antibody

For Research Use Only. Not for use in diagnostic procedures.