

Datasheet for ABIN3031062

anti-Glutamate Receptor 3 antibody (AA 29-360)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	Glutamate Receptor 3 (GRIA3)
Binding Specificity:	AA 29-360
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glutamate Receptor 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Human partial recombinant protein (AA 29-360) was used as the immunogen for this Glutamate receptor 3 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	Glutamate Receptor 3 (GRIA3)
Alternative Name:	Glutamate Receptor 3 (GRIA3 Products)
Background:	Glutamate receptor 3 is a protein that in humans is encoded by the GRIA3 gene. This gene belongs to a family of alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate (AMPA) receptors. It is mapped to Xq25. Glutamate receptors are the predominant excitatory

Target Details

neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. They are heteromeric protein complexes with multiple subunits, each possessing transmembrane regions, and all arranged to form a ligand-gated ion channel. The classification of glutamate receptors is based on their activation by different pharmacologic agonists.

Gene ID:	2892
Pathways:	PI3K-Akt Signaling , cAMP Metabolic Process , Synaptic Membrane

Application Details

Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the Glutamate receptor 3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the Glutamate receptor 3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of Glutamate receptor 3 antibody and Lane 1: rat brain



Western Blotting

Image 2. Western blot testing of Glutamate receptor 3 antibody and Lane 1: rat brain; 2: mouse brain lysate. Predicted/observed size ~99KD