

Datasheet for ABIN657962

anti-Glutamate Receptor 3 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	Glutamate Receptor 3 (GRIA3)
Binding Specificity:	AA 188-217, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GRIA3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 188-217 amino acids from the N-terminal region of human GRIA3.
Clone:	RB34080
Isotype:	Ig Fraction
Predicted Reactivity:	Zf, Pr, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Glutamate Receptor 3 (GRIA3)
Alternative Name:	GRIA3 (GRIA3 Products)
Background:	Glutamate receptors are the predominant excitatory neurotransmitter receptors in the

Target Details

mammalian brain and are activated in a variety of normal neurophysiologic processes. These receptors are heteromeric protein complexes composed of multiple subunits, arranged to form ligand-gated ion channels. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. The subunit encoded by this gene belongs to a family of AMPA (alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate)-sensitive glutamate receptors, and is subject to RNA editing (AGA->GGA, R->G). Alternative splicing at this locus results in different isoforms, which may vary in their signal transduction properties.

Molecular Weight: 101157

Gene ID: 2892

NCBI Accession: [NP_000819](#), [NP_015564](#)

UniProt: [P42263](#)

Pathways: [PI3K-Akt Signaling](#), [cAMP Metabolic Process](#), [Synaptic Membrane](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

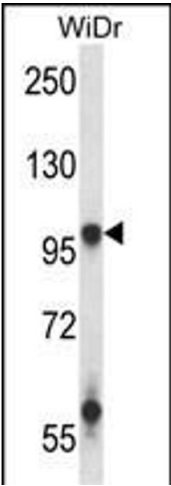
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: GRIA3 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. GRIA3 Antibody (N-term) (ABIN657962 and ABIN2846908) western blot analysis in WiDr cell line lysates (35 µg/lane). This demonstrates the GRIA3 antibody detected the GRIA3 protein (arrow).