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## Datasheet for ABIN7468374 **anti-GRIK4 antibody**

### Overview

Quantity:	100 µL
Target:	GRIK4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIK4 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human KA1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	GRIK4
Alternative Name:	glutamate ionotropic receptor kainate type subunit 4 ( <a href="#">GRIK4 Products</a> )
Background:	Synonyms: glutamate ionotropic receptor kainate type subunit 4 , EAA1 , GRIK , GluK4 , KA1 Background: This gene encodes a protein that belongs to the glutamate-gated ionic channel family. Glutamate functions as the major excitatory neurotransmitter in the central nervous

## Target Details

system through activation of ligand-gated ion channels and G protein-coupled membrane receptors. The protein encoded by this gene forms functional heteromeric kainate-preferring ionic channels with the subunits encoded by related gene family members. [provided by RefSeq]

Molecular Weight: 107 kDa

Gene ID: 2900

UniProt: [Q16099](#)

Pathways: [Synaptic Membrane](#)

## Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.  
Not tested in other applications.

Comment: Positive Control: MCF-7

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.91 mg/mL

Buffer: 0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.