

Datasheet for ABIN1538926
anti-GRIK5 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	GRIK5
Binding Specificity:	AA 101-129, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GRIK5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 101-129 amino acids from the N-terminal region of human GRIK5.
Clone:	RB37058
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GRIK5
Alternative Name:	GRIK5 (GRIK5 Products)
Background:	This gene encodes a protein that belongs to the glutamate-gated ionic channel family.

Target Details

Glutamate functions as the major excitatory neurotransmitter in the central nervous 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: 109265

Gene ID: 2901

NCBI Accession: [NP_002079](#)

UniProt: [Q16478](#)

Pathways: [Carbohydrate Homeostasis](#), [Synaptic Membrane](#), [Maintenance of Protein Location](#), [Synaptic Vesicle Exocytosis](#)

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.

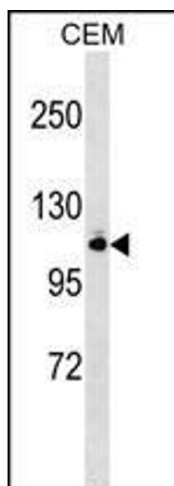
Preservative: Sodium azide

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: GRIK5 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. GRIK5 Antibody (N-term) (ABIN1538926 and ABIN2848887) western blot analysis in CEM cell line lysates (35 µg/lane). This demonstrates the GRIK5 antibody detected the GRIK5 protein (arrow).