

Datasheet for ABIN2792270  
**anti-GRIK4 antibody (N-Term)**



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## Overview

Quantity:	100 µL
Target:	GRIK4
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Rabbit, Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIK4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GRIK4
Sequence:	RAPERLGKAK VEVDIFELLR DSEYETAETM CQILPKGVA VLGPS SSPAS
Predicted Reactivity:	Dog: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 90%
Characteristics:	This is a rabbit polyclonal antibody against GRIK4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	GRIK4
Alternative Name:	GRIK4 ( <a href="#">GRIK4 Products</a> )

## Target Details

Background:	<p>L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. The postsynaptic actions of GLU are mediated by a variety of receptors that are named according to their selective agonists.</p> <p>Alias Symbols: KA1, EAA1, GRIK, GluK4</p> <p>Protein Interaction Partner: RUFY1, RAB5A, GRIK2,</p> <p>Protein Size: 956</p>
Molecular Weight:	107 kDa
Gene ID:	2900
NCBI Accession:	<a href="#">NM_014619</a> , <a href="#">NP_055434</a>
UniProt:	<a href="#">Q16099</a>
Pathways:	<a href="#">Synaptic Membrane</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 956 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.