

Datasheet for ABIN1533290
anti-GRIK1 antibody (AA 10-59)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	GRIK1
Binding Specificity:	AA 10-59
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human GluR5.
Isotype:	IgG
Specificity:	GluR5 Antibody detects endogenous levels of total GluR5 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	GRIK1
Alternative Name:	GluR5 (GRIK1 Products)
Background:	Synonyms: Glutamate receptor, ionotropic kainate 1, Glutamate receptor 5, GluR-5, GluR5,

Target Details

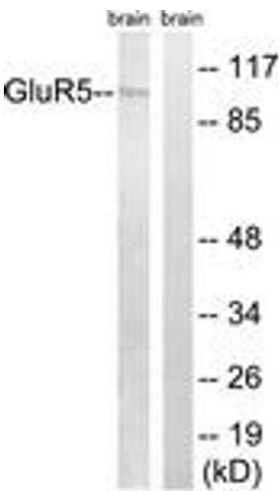
	Excitatory amino acid receptor 3, EAA3, GRIK1 NCBI Gene Symbol: GRIK1
Molecular Weight:	103 kDa
Gene ID:	2897
OMIM:	138245
UniProt:	P39086
Pathways:	Synaptic Membrane , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000
Comment:	Unigene-Number: Hs.664641 (NCBI Gene Symbol: GRIK1)
Restrictions:	For Research Use only

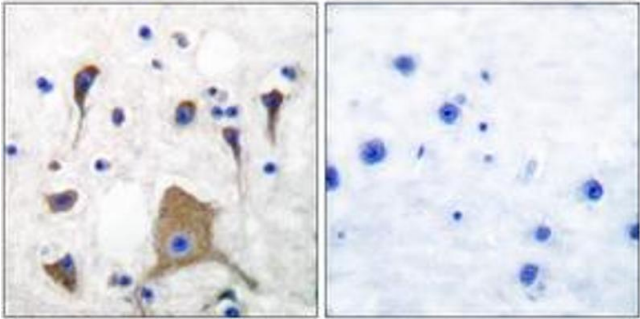
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from mouse brain cells, using GluR5 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using GluR5 Antibody. The picture on the right is treated with the synthesized peptide.