

Datasheet for ABIN7444550
anti-GRIK2 antibody (AA 286-561)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GRIK2
Binding Specificity:	AA 286-561
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Glutamate Receptor, Ionotropic, Kainate 2 (GRIK2)
Immunogen:	Recombinant Glutamate Receptor, Ionotropic, Kainate 2 (GRIK2) corresponding to Asn286~Pro561 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GRIK2. It has been selected for its ability to recognize GRIK2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

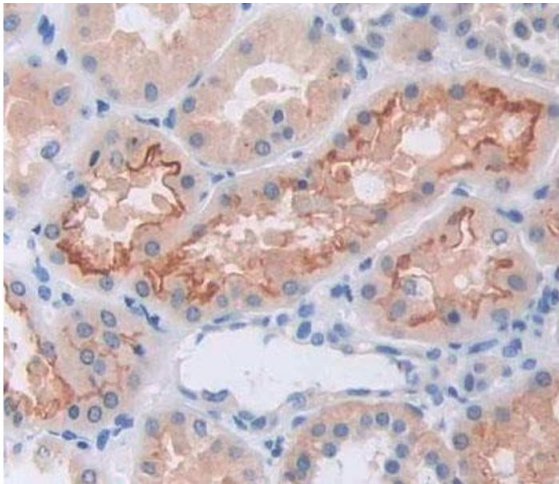
Target:	GRIK2
Alternative Name:	Glutamate Receptor, Ionotropic, Kainate 2 (GRIK2 Products)
Background:	EAA4, GLR6, GLUR6, GluK2, Excitatory amino acid receptor 4, Glutamate receptor 6
Pathways:	Synaptic Membrane , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

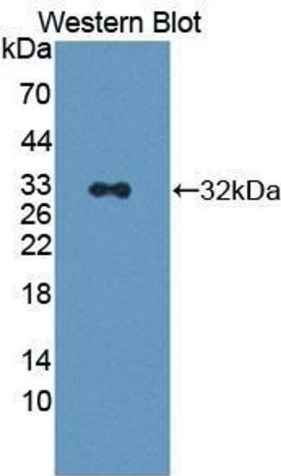
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. #VALUE!



Western Blotting

Image 2. Detection of Recombinant GRIK2, Human using Polyclonal Antibody to Glutamate Receptor, Ionotropic, Kainate 2 (GRIK2)