

Datasheet for ABIN5611157
anti-GRIK3 antibody (AA 32-173)

5 Images



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Overview

Quantity:	100 µL
Target:	GRIK3
Binding Specificity:	AA 32-173
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GRIK3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	GRIK3 Antibody
Immunogen:	Purified recombinant fragment of human GRIK3 (AA: 32-173) expressed in E. Coli.
Clone:	2B4H1
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	GRIK3
Alternative Name:	GRIK3 (GRIK3 Products)
Background:	Description: Glutamate receptors are the predominant excitatory neurotransmitter receptors in

Target Details

the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. It is not certain if the subunit encoded by this gene is subject to RNA editing as the other 2 family members (GRIK1 and GRIK2). A Ser310Ala polymorphism has been associated with schizophrenia, and there are conflicting reports of its association with the pathogenesis of delirium tremens in alcoholics.

Aliases: EAA5, GLR7, GLUR7, GluK3, GluR7a

Molecular Weight: 104kDa

Gene ID: 2899

HGNC: 2899

Pathways: [Synaptic Membrane](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400

Restrictions: For Research Use only

Handling

Format: Liquid

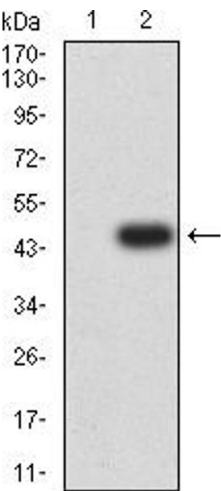
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

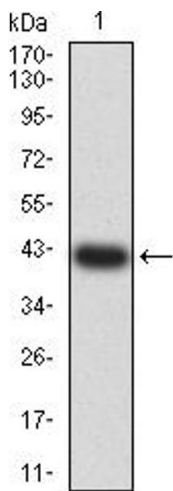
Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



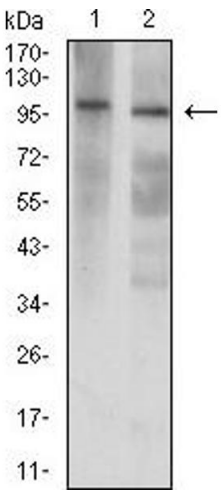
Western Blotting

Image 1. Western blot analysis using GRIK3 mAb against HEK293 (1) and GRIK3 (AA: extra 32-173)-hlgGfc transfected HEK293 (2) cell lysate.



Western Blotting

Image 2. Western blot analysis using GRIK3 mAb against human GRIK3 (AA: extra 32-173) recombinant protein. (Expected MW is 42 kDa)



Western Blotting

Image 3. Western blot analysis using GRIK3 mouse mAb against A431 (1) and Hela (2) cell lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5611157.