

Datasheet for ABIN633773 **anti-GRIK2 antibody (C-Term)**

1 Image



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Overview

Quantity:	100 µL
Target:	GRIK2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIK2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	GRIK2 antibody was raised using the C terminal of GRIK2 corresponding to a region with amino acids TANLAAFLTVERMESPIDSAADLAKQTKIEYGAVEDGATMTFFKSKIST
Specificity:	GRIK2 antibody was raised against the C terminal of GRIK2
Purification:	Affinity purified

Target Details

Target:	GRIK2
Alternative Name:	GRIK2 (GRIK2 Products)
Background:	This gene, GRIK2, encodes a subunit of a kainate glutamate receptor. Glutamate receptors mediate the majority of excitatory neurotransmission in the brain. This receptor may have a role in synaptic plasticity and may be important for learning and memory. It also may be involved in

Target Details

the transmission of light information from the retina to the hypothalamus. The structure and function of the encoded protein is changed by RNA editing.

Molecular Weight: 98 kDa (MW of target protein)

Pathways: [Synaptic Membrane, Regulation of long-term Neuronal Synaptic Plasticity](#)

Application Details

Application Notes: WB: 0.125 µg/mL
Optimal conditions should be determined by the investigator.

Comment: GRIK2 Blocking Peptide, catalog no. 33R-8980, is also available for use as a blocking control in assays to test for specificity of this GRIK2 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of GRIK2 antibody in PBS

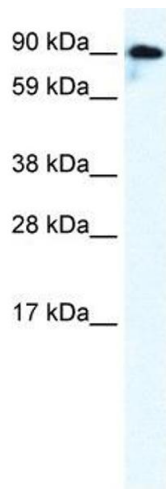
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. GRIK2 antibody used at 0.125 ug/ml to detect target protein.