DATASHEET

# KA1 Rabbit Monoclonal Antibody(C1890)

CAT. NO. AMA01502

## KEY FEATURES

| | | | |
|---|---|---|---|
| Target | KA1 | Source / Host | Rabbit |
| Reactivity | Human, Rat | Clonality | Monoclonal |
| Applications | WB | Conjugation | Unconjugated |
| Form / Buffer | Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide. | Storage | at-20°C |

## BACKGROUND

Ionotropic glutamate receptor that functions as a cation-permeable ligand-gated ion channel. Cannot form functional channels on its own . Shows channel activity only in heteromeric assembly with GRIK1, GRIK2 and GRIK3 subunits .

## APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|---|---|
| WB | 1:500 - 1:1000 |

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

## PRODUCT OVERVIEW

| | |
|---|---|
| Description | Recombinant rabbit monoclonal antibody to KA1 |
| Specificity | Recognizes endogenous levels of KA1 protein |
| Antibody Type | Primary antibody, Recombinant |
| Immunogen | KLH-conjugated synthetic peptide encompassing a sequence within human KA1 protein. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 107 kD; Observed: 107 kD |
| Form/Buffer | Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide. |
| Alternative Names | GRIK; Glutamate receptor ionotropic, kainate 4; GluK4; Excitatory amino acid receptor 1; EAA1; Glutamate receptor KA-1; KA1 |
| Gene Symbol | GRIK4 |
| Entrez Gene | 2900(Human); 24406(Rat) |
| SwissProt | Q16099(Human); Q01812(Rat) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

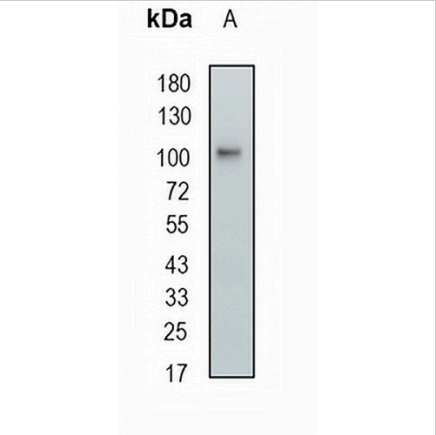
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

# KA1 Rabbit Monoclonal Antibody(C1890)

CAT. NO. AMA01502

## DATA




Western blot analysis of KA1 expression in rat brain (A) whole cell lysates. (Predicted band size: 107 kD; Observed band size: 107 kD)

## STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

## NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.