

# KCNMA1 Rabbit pAb

Catalog No.: A15283 **1 Publications**

## Basic Information

### Observed MW

137kDa

### Calculated MW

138kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Rat

## Background

This gene encodes the alpha subunit of calcium-activated BK channel. The encoded protein is involved in several physiological processes including smooth muscle contraction, neurotransmitter release and neuronal excitability. Mutations in this gene are associated with a spectrum of neurological disorders including Paroxysmal Nonkinesigenic Dyskinesia 3, Idiopathic Generalized Epilepsy 16 and Liang-Wang syndrome.

## Recommended Dilutions

WB 1:200 - 1:2000

## Immunogen Information

### Gene ID

3778

### Swiss Prot

Q12791

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 850-950 of human KCNMA1 (NP\_001258447.1).

### Synonyms

SLO; BKTM; SLO1; hSlo; IEG16; LIWAS; MaxiK; PNKD3; SAKCA; mSLO1; CADEDS; KCa1.1; SLO-ALPHA; bA205K10.1; KCNMA1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

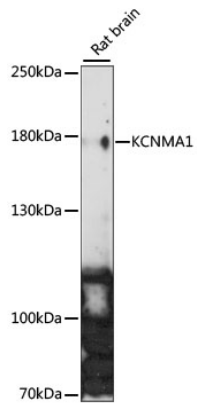
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from Rat brain, using KCNMA1 Rabbit pAb (A15283) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 90s.