



[Go to Product page](#)

Datasheet for ABIN570688
anti-KCNMA1 antibody (C-Term)

Overview

Quantity:	100 µg
Target:	KCNMA1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This KCNMA1 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	KCNMA1
Immunogen:	Peptide with sequence C-RESRDKQNRKEMVYR, from the C Terminus of the protein sequence according to NP_001014797.1.
Sequence:	RESRDKQNRK EMVYR
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform a (NP_001014797.1) only.
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	KCNMA1
Alternative Name:	KCNMA1 (KCNMA1 Products)
Background:	KCNMA1, potassium large conductance calcium-activated channel, subfamily M, alpha member 1, BKTM, DKFZp686K1437, KCa1.1, MGC71881, MaxiK, SAKCA, SLO, SLO-ALPHA, SLO1, mSLO1, BKCA alpha subunit, Drosophila slowpoke-like, OTTHUMP00000060198, OTTHUMP00000064
Gene ID:	3778, 16531, 83731
NCBI Accession:	NP_001014797
Pathways:	Regulation of Hormone Metabolic Process , Sensory Perception of Sound

Application Details

Application Notes:	Western Blot: Preliminary experiments in Human Brain (Cerebellum, Cerebral Cortex, Frontal Cortex) lysates gave no specific signal but low background (at antibody concentration up to 1 µg/mL). We would appreciate any feedback from people in the field - ha Peptide ELISA: antibody detection limit dilution 1:2000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.