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Datasheet for ABIN570733
anti-KCNQ3 antibody (C-Term)

Overview

Quantity:	100 µg
Target:	KCNQ3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This KCNQ3 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	KCNQ3
Immunogen:	Peptide with sequence C-SDSVWTPSNKPI, from the C Terminus of the protein sequence according to NP_004510.1.
Sequence:	SDSVWTPSNK PI
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	KCNQ3
Alternative Name:	KCNQ3 (KCNQ3 Products)
Background:	KCNQ3, potassium voltage-gated channel, KQT-like subfamily, member 3, BFNC2, EBN2, KV7.3, potassium channel, voltage-gated, subfamily Q, member 3, potassium voltage-gated channel KQT-like protein 3
Gene ID:	3786, 110862, 29682
NCBI Accession:	NP_004510

Application Details

Application Notes:	Western Blot: Preliminary experiments gave an approx. 23 kDa band in Human Brain (Cerebral Cortex, Amygdala, Hippocampus) lysates after 0.3 µg/mL antibody staining. Please note that currently we can not find an explanation in the literature for the band we Peptide ELISA: antibody detection limit dilution 1:16000.
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.