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Datasheet for ABIN570732 anti-KCNQ5 antibody (C-Term)

Overview

Quantity:	100 µg
Target:	KCNQ5
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This KCNQ5 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	KCNQ5
Immunogen:	Peptide with sequence C-ESTDALSLPHVKLK, from the C Terminus of the protein sequence according to NP_062816.2, NP_001153602.1, NP_001153604.1, NP_1153605.1, NP_001153606.1.
Sequence:	ESTDALSLPH VKLK
Isotype:	IgG
Specificity:	This antibody is expected to cross-react with isoform 1, 2, 3, 4 and 5 (NP_062816.2, NP_001153602.1, NP_001153604.1, NP_1153605.1, NP_001153606.1).
Cross-Reactivity:	Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

Product Details

chromatography using the immunizing peptide.

Grade: Recent

Target Details

Target: KCNQ5

Alternative Name: KCNQ5 ([KCNQ5 Products](#))

Background: KCNQ5, potassium voltage-gated channel, KQT-like subfamily, member 5, Kv7.5, OTTHUMP00000016729, OTTHUMP00000064152, OTTHUMP00000064153, potassium channel protein

Gene ID: 56479, 226922, 259273

NCBI Accession: [NP_062816](#), [NP_001153602](#), [NP_001153604](#), [NP_1153605](#), [NP_001153606](#)

Application Details

Application Notes: Western Blot: Preliminary experiments gave an approx. 22 kDa band in Human Brain (Hippocampus and Cerebral Cortex) and Human Skeletal Muscle lysates after 0.3 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature. Peptide ELISA: antibody detection limit dilution 1:64000.

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.