Datasheet for ABIN263168

anti-KCNQ4 antibody (Internal Region)

1 Image

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Overview

Quantity:	100 µg
Target:	KCNQ4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This KCNQ4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	KCNQ4
Immunogen:	Peptide with sequence C-DKGPSDAEVVDE, from the internal region of the protein sequence according to NP_004691.2, NP_751895.1.
Sequence:	DKGPSDAEVV DE
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_004691.2, NP_751895.1), may cross-react in Mouse,
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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Product Details

Grade:	Verified

Target Details

Target:	KCNQ4
Alternative Name:	KCNQ4 (KCNQ4 Products)
Background:	KCNQ4 , potassium voltage-gated channel, KQT-like subfamily, member 4 , DFNA2 , KV7.4, potassium channel KQT-like 4 , potassium voltage-gated channel KQT-like protein 4
Gene ID:	9132
NCBI Accession:	NP_004691, NP_751895
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	Western Blot: Approx 70 kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 71.2 kDa according to NP_751895.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:4000.
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.

Images

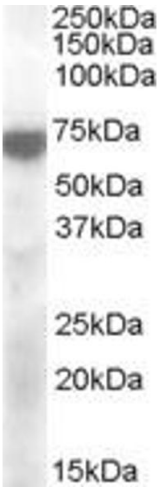

Image 1. ABIN263168 (2µg/ml) staining of Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.