Datasheet for ABIN870696

anti-KCNC3 antibody (AA 317-328)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	KCNC3
Binding Specificity:	AA 317-328
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This KCNC3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	KCNC3 / Kv3.3 (aa317-328)
Immunogen:	Peptide with sequence C-HISNKTVTQASP, from the internal region of the protein sequence according to NP_004968.2.
Sequence:	HISNKTVTQA SP
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:	Verified

Target Details

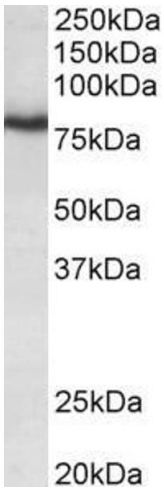
Target:	KCNC3
Alternative Name:	KCNC3 (KCNC3 Products)
Background:	KCNC3, potassium voltage-gated channel, Shaw-related subfamily, member 3, KSHIIID, KV3.3, SCA13, OTTHUMP00000042078, Shaw-related voltage-gated potassium channel protein 3, potassium voltage-gated channel subfamily C member 3, voltage-gated potassium chan
Molecular Weight:	81.9kDa
Gene ID:	3748, 16504, 117101
NCBI Accession:	NP_004968

Application Details

Application Notes:	Western Blot: Approx 80 kDa band observed in Mouse and Rat Brain lysates (calculated MW of 81.9 kDa according to Mouse NP_032448.2). Recommended concentration: 0.3-1 µg/mL. 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.



Western Blotting

Image 1. ABIN870696 (0.3µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.