

Datasheet for ABIN7043538
anti-KCNC3 antibody (C-Term, Intracellular)



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1 Image

Overview

Quantity:	25 µL
Target:	KCNC3
Binding Specificity:	AA 701-718, C-Term, Intracellular
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: KSPITPGSRGRYSRDRAC, corresponding to amino acid residues 701-718 of rat KCNC3
Isotype:	IgG
Cross-Reactivity (Details):	Recognizes only splice variant KV3.3-1.
Characteristics:	Anti-KCNC3 (Kv3.3) Antibody is directed against an epitope of the rat KV3.3 channel. Anti-KCNC3 (KV3.3) Antibody (ABIN7043538, ABIN7044994 and ABIN7044995)) can be used in western blot, immunohistochemistry and immunocytochemistry applications. It has been designed to recognize KV3.3 from rat, mouse and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

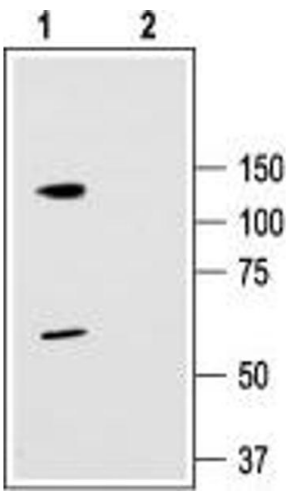
Target:	KCNC3
Alternative Name:	KCNC3 (KV3.3) (KCNC3 Products)
Background:	Alternative names: KCNC3 (KV3.3), Potassium voltage-gated channel subfamily C member 3, KSHIID, SCA13
Gene ID:	117101
NCBI Accession:	NM_004977
UniProt:	Q01956

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blotting of rat brain membranes: -
1. Anti-KCNC3 (KV3.3) Antibody (ABIN7043538, ABIN7044994 and ABIN7044995), (1:200). 2. Anti-KCNC3 (KV3.3) Antibody, preincubated with KCNC3/Kv3.3 Blocking Peptide (#BLP-PC102).