

Datasheet for ABIN7043452
anti-KCNK2 antibody (Intracellular, N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	25 µL
Target:	KCNK2
Binding Specificity:	AA 8-25, Intracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: DPKSAAQNSKPRLSFSTK(C), corresponding to residues 8-25 of human KCNK2
Isotype:	IgG
Characteristics:	Anti-KCNK2 (TREK-1) Antibody (ABIN7043452, ABIN7044957 and ABIN7044958)) is a highly specific antibody directed against an epitope of the human protein. The antibody can be used in western blot, immunohistochemistry, and immunocytochemistry applications. It has been designed to recognize TREK-1 from mouse, rat, and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

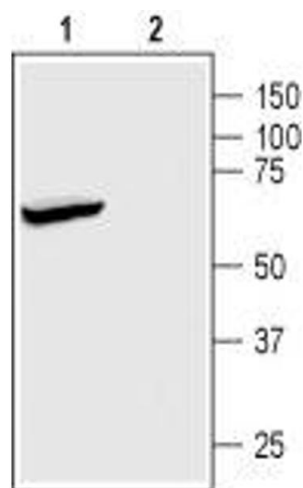
Target:	KCNK2
Alternative Name:	KCNK2 (TREK-1) (KCNK2 Products)
Background:	Alternative names: KCNK2 (TREK-1), Potassium channel subfamily K member 2, Outward rectifying potassium channel protein TREK-1, Twik-related K ⁺ channel 1, K2P2.1, TPKC1
Gene ID:	3776
NCBI Accession:	NM_014217
UniProt:	O95069

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 blot analysis of rat brain membranes: -
1. Anti-KCNK2 (TREK-1) Antibody (ABIN7043452, ABIN7044957 and ABIN7044958), (1:200). 2. Anti-KCNK2 (TREK-1) Antibody, preincubated with KCNK2/TREK-1 Blocking Peptide (#BLP-PC047).