

Datasheet for ABIN7043460
anti-KCNN2 antibody (C-Term, Intracellular)[Go to Product page](#)

1 Image

Overview

Quantity:	25 µL
Target:	KCNN2
Binding Specificity:	AA 542-559, C-Term, Intracellular
Reactivity:	Mouse, Rat
Host:	Guinea Pig
Clonality:	Polyclonal
Conjugate:	This KCNN2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)ETQMENYDKHVTYNAERS, corresponding to amino acid residues 542- 559 of rat KCNN2
Isotype:	IgG
Characteristics:	Guinea pig Anti-KCNN2 (KCa2.2, SK2) Antibody is directed against an epitope of rat KCNN2 channel. Guinea pig Anti-KCNN2 (KCa2.2, SK2) Antibody (#) can be used in western blot analysis. It has been designed to recognize KCNN2 from human, rat and mouse samples. The antigen used to immunize guinea pigs is the same as Anti-KCNN2 (KCa2.2, SK2) Antibody (ABIN7043461, ABIN7044938 and ABIN7044939)) raised in rabbit. Our line of guinea pig antibodies enables more flexibility with our products such as multiplex staining studies, immunoprecipitation, etc.

Product Details

Purification: Affinity purified on immobilized antigen.

Target Details

Target: KCNN2

Alternative Name: KCNN2 (KCa2.2, SK2) ([KCNN2 Products](#))

Background: Alternative names: KCNN2 (KCa2.2, SK2), SKCa2, Small conductance calcium-activated potassium channel protein 2, Apamin-sensitive small conductance Ca²⁺-dependent K⁺ channel

Gene ID: 70604

NCBI Accession: [NM_021614](#)

UniProt: [P70604](#)

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.

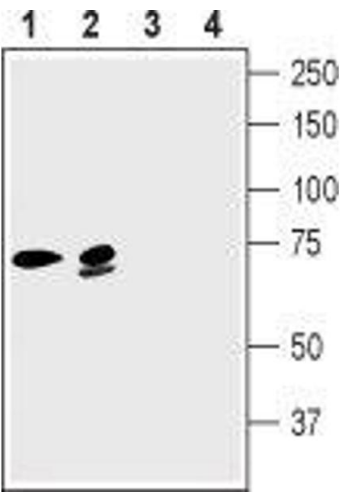
Preservative: Sodium azide

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: Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.

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).



Western Blotting

Image 1. Western blot analysis of rat brain lysate (lanes 1 and 3) and mouse brain lysate (lanes 2 and 4): - 1,2. Guinea pig Anti-KCNN2 (KCa2.2, SK2) Antibody (ABIN7043460, ABIN7045400 and ABIN7045401), (1:1000).3,4. Guinea pig Anti-KCNN2 (KCa2.2, SK2) Antibody, preincubated with KCNN2/KCa2.2 Blocking Peptide (#BLP-PC028).