

Datasheet for ABIN7043445

**anti-KCNK15 antibody (1st Extracellular Loop)****1** Image[Go to Product page](#)

## Overview

Quantity:	25 µL
Target:	KCNK15
Binding Specificity:	1st Extracellular Loop, AA 43-57
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK15 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)RKRGFEFRRKYRFSAD, corresponding to amino acid residues 43-57 of rat KCNK15
Isotype:	IgG
Cross-Reactivity (Details):	Not recommended for human samples
Characteristics:	Anti-KCNK15 (TASK-5) (extracellular) Antibody is directed against an epitope of the rat KCNK15 channel. Anti-KCNK15 (TASK-5) (extracellular) Antibody (ABIN7043445, ABIN7045054 and ABIN7045055)) can be used in western blot analysis. The antibody recognizes an extracellular epitope and is thus ideal for detecting the channel in living cells. It has been designed to recognize KCNK15 from rat and mouse samples. The antibody will unlikely recognize the channel from human samples.

## Product Details

Purification: Affinity purified on immobilized antigen.

## Target Details

Target: KCNK15

Alternative Name: KCNK15 (TASK-5) ([KCNK15 Products](#))

Background: Alternative names: KCNK15 (TASK-5), Potassium channel subfamily K member 15, Acid-sensitive K<sup>+</sup> channel protein TASK-5, TWIK-related acid-sensitive K<sup>+</sup> channel 5, K2P15.1

Gene ID: 156873

NCBI Accession: [NM\\_022358](#)

UniProt: [Q8R5I0](#)

## 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.

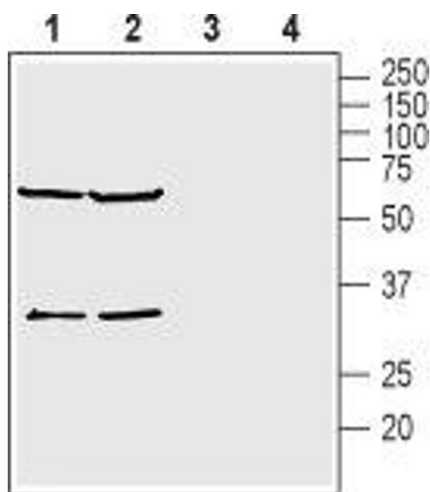
Preservative: Sodium azide

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 mouse brain lysates (lanes 1 and 3) and rat brain lysates (lanes 2 and 4): - 1,2. Anti-KCNK15 (TASK-5) (extracellular) Antibody (ABIN7043445, ABIN7045054 and ABIN7045055), (1:200).3,4. Anti-KCNK15 (TASK-5) (extracellular) Antibody, preincubated with KCNK15/TASK-5 (extracellular) Blocking Peptide (#BLP-PC158).