

Datasheet for ABIN7043455
anti-KCNK5 antibody (C-Term, Intracellular)[Go to Product page](#)

2 Images

Overview

Quantity:	50 µL
Target:	KCNK5
Binding Specificity:	AA 483-499, C-Term, Intracellular
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)YEQLMNEYNKANSPKGT, amino acid residues 483-499 of human KCNK5
Isotype:	IgG
Characteristics:	Anti-KCNK5 (TASK-2) Antibody is directed against an epitope of human KCNK5. Anti-KCNK5 (TASK-2) Antibody (ABIN7043455 and ABIN7044945)) can be used in western blot and immunohistochemistry applications. It has been designed to recognize KCNK5 from rat, mouse and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

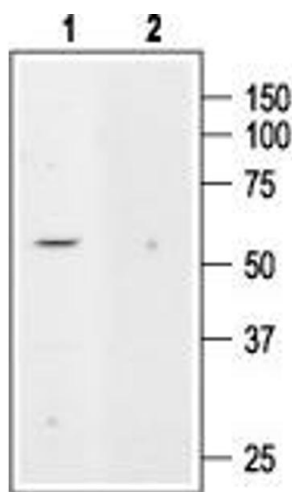
Target:	KCNK5
Alternative Name:	KCNK5 (TASK-2) (KCNK5 Products)
Background:	Alternative names: KCNK5 (TASK-2), Potassium channel subfamily K member 5, K2P5.1, TWIK-related acid sensitive K ⁺ channel 2
Gene ID:	8645
NCBI Accession:	NM_003740
UniProt:	O95279

Application Details

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

Handling

Format:	Lyophilized
Reconstitution:	50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.3 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 5 % sucrose, 0.025 % 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 kidney membranes: - 1. Anti-KCNK5 (TASK-2) Antibody (ABIN7043455 and ABIN7044945), (1:200). 2. Anti-KCNK5 (TASK-2) Antibody, preincubated with KCNK5/TASK-2 Blocking Peptide (#BLP-PC037).



Immunohistochemistry

Image 2. Expression of KCNK5 in rat pancreas - Immunohistochemical staining of rat pancreas was visualized using Anti-KCNK5 (TASK-2) Antibody (ABIN7043455 and ABIN7044945), (1:50). Paraffin embedded sections of rat pancreas showing both endocrine (Islets of Langerhans) and exocrine areas. Strong and highly specific staining is evident only in endocrine cells (arrow). Universal Immuno-alkaline-phosphatase Polymer followed by New Fuchsin Substrate (Histofine, Nichirei Corp.) was used for the color reaction. Hematoxylin is used as the counterstain.