

Datasheet for ABIN2780207
anti-KCNK5 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	KCNK5
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Horse, Rabbit, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human KCNK5
Sequence:	TFVNTEAGLS DEETSKSSLE DNLAGEESPQ QGAEAKAPLN MGEFPSSSES
Predicted Reactivity:	Cow: 100%, Dog: 92%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Rabbit: 92%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against KCNK5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	KCNK5
Alternative Name:	KCNK5 (KCNK5 Products)

Target Details

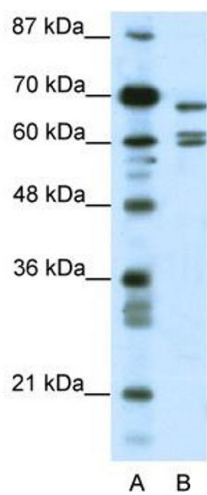
Background:	<p>KCNK5 is one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. KCNK5 is mainly expressed in the cortical distal tubules and collecting ducts of the kidney. The protein is highly sensitive to external pH and this, in combination with its expression pattern, suggests it may play an important role in renal potassium transport.</p> <p>Alias Symbols: TASK2, K2p5.1, TASK-2</p> <p>Protein Interaction Partner: FRAT1, APP, UBC,</p> <p>Protein Size: 499</p>
Molecular Weight:	55 kDa
Gene ID:	8645
NCBI Accession:	NM_003740 , NP_003731
UniProt:	O95279

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 499 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-KCNK5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate