

Datasheet for ABIN2776252  
**anti-KCNK12 antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	KCNK12
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Rabbit, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK12 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KCNK12
Sequence:	EGRRLSGELI SMRDLTASNK VSLALLQKQL SETANGYPRS VCVNTRQNGF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against KCNK12. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	KCNK12
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## Target Details

Alternative Name:	KCNK12 ( <a href="#">KCNK12 Products</a> )
Background:	<p>KCNK12 is a member of the superfamily of potassium channel proteins containing two pore-forming P domains. KCNK12 has not been shown to be a functional channel, however, it may require other non-pore-forming proteins for activity. This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The product of this gene has not been shown to be a functional channel, however, it may require other non-pore-forming proteins for activity.</p> <p>Alias Symbols: THIK-2, THIK2, K2p12.1</p> <p>Protein Size: 430</p>
Molecular Weight:	47 kDa
Gene ID:	56660
NCBI Accession:	<a href="#">NM_022055</a> , <a href="#">NP_071338</a>
UniProt:	<a href="#">Q9HB15</a>

## Application Details

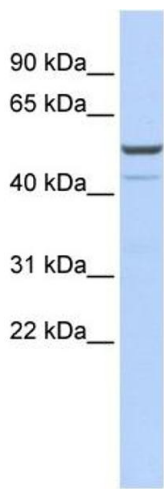
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 430 AA
Restrictions:	For Research Use only

## 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.

Images



Western Blotting

**Image 1.** WB Suggested Anti-KCNK12 Antibody Titration:  
0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: OVCAR-3  
cell lysate