

Datasheet for ABIN7229242  
**anti-Kv2.2 antibody (AA 170-250)**



[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Kv2.2 (KCNB2)
Binding Specificity:	AA 170-250
Reactivity:	Rat, Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kv2.2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	KCNB2 Polyclonal Antibody
Immunogen:	Synthesized peptide derived from part region of human KCNB2 protein at AA range: 170-250
Isotype:	IgG
Specificity:	The antibody detects endogenous levels of KCNB2 protein
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen

## Target Details

Target:	Kv2.2 (KCNB2)
Alternative Name:	KCNB2 ( <a href="#">KCNB2 Products</a> )

## Target Details

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**Background:** Rabbit Anti-KCNB2 Polyclonal Antibody, Potassium voltage-gated channel subfamily B member 2, Voltage-gated potassium channel subunit Kv2.2, KCNB2 (Potassium Voltage-Gated Channel Subfamily B Member 2) is a Protein Coding gene. Diseases associated with KCNB2 include Brugada Syndrome. Among its related pathways are Potassium Channels and Dopamine-DARPP32 Feedback onto cAMP Pathway. KCNB2 encodes a member of the potassium channel, voltage-gated, shab-related subfamily. This member is a delayed rectifier potassium channel. KCNB2 is expressed in gastrointestinal smooth muscle cells., KCNB2

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**Molecular Weight:** observed band 100kDa

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**Gene ID:** 9312

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**UniProt:** [Q92953](#)

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## Application Details

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**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000-1:20000).

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**Comment:** Primary Antibody

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 mg/mL

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**Buffer:** PBS, pH 7.4, containing 0.02 % Sodium Azide as preservative and 50 % Glycerol.

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**Preservative:** Sodium azide

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**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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