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Datasheet for ABIN1402738

**anti-KCND2 antibody (pThr602) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	KCND2
Binding Specificity:	pThr602
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCND2 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Kv4.2 around the phosphorylation site of Thr602
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	KCND2
Alternative Name:	Kv4.2 ( <a href="#">KCND2 Products</a> )
Background:	Synonyms: p-KCND2/Kv4.2Thr602, p-Kv4.2Thr602, Potassium voltage-gated channel subfamily

## Target Details

D member 2, KCD2, KCND 2, KCND2, KCND2\_HUMAN, KIAA1044, Potassium voltage gated channel Shal related subfamily member 2, RK 5, RK5, Voltage gated potassium channel Kv4.2, Voltage gated potassium channel subunit Kv4.2, Voltage sensitive potassium channel, voltage-gated potassium channel Kv4.2, Voltage-gated potassium channel subunit Kv4.2, voltage-sensitive potassium channel.

Background: Voltage-gated K<sup>+</sup> channels in the plasma membrane control the repolarization and the frequency of action potentials in neurons, muscles, and other excitable cells. Pore-forming (alpha) subunit of voltage-gated rapidly inactivating A-type potassium channels. May contribute to I(To) current in heart and I(Sa) current in neurons. Channel properties are modulated by interactions with other alpha subunits and with regulatory subunits.

Gene ID: 3751

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months