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Datasheet for ABIN5005999

## anti-KCND2 antibody (pThr602) (Alexa Fluor 750)

### 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 750
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

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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.

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Gene ID: 3751

## Application Details

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

Restrictions: For Research Use only

## Handling

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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