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## Datasheet for ABIN1387076 **anti-KCND2 antibody (pThr602)**

### Overview

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

## Target Details

Background:	<p>Synonyms: p-KCND2/Kv4.2Thr602, p-Kv4.2Thr602, Potassium voltage-gated channel subfamily 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.</p> <p>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.</p>
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Gene ID:	3751
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## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF(IHC-P) 1:50-200
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months