

Datasheet for ABIN801560

## **anti-KCNC1 antibody (pSer503) (Biotin)**



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### Overview

Quantity:	100 µL
Target:	KCNC1
Binding Specificity:	pSer503
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNC1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human KCNC1 around the phosphorylation site of Ser503
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	KCNC1
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## Target Details

Alternative Name:	KCNC1 ( <a href="#">KCNC1 Products</a> )
Background:	<p>Synonyms: C230009H10Rik, FLJ41162, FLJ42249, FLJ43491, Kcr2 1, KShIIIB, Kv3.1, Kv4, MGC129855, NGK2, Potassium voltage-gated channel subfamily C member 1, Shaw, Voltage gated potassium channel, KCNC1_RAT, Voltage gated potassium channel subunit Kv3.1, Voltage-gated potassium channel subunit Kv3.1, KCNC1_RAT.</p> <p>Background: KCNC1 mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient. It forms a heteromultimer with KCNG3, KCNG4 and KCNV2.</p>
Gene ID:	3746

## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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 for 12 months.
Expiry Date:	12 months