

[Go to Product page](#)

Datasheet for ABIN801543 **anti-KCNC1 antibody (AA 15-120)**

Overview

Quantity:	100 µL
Target:	KCNC1
Binding Specificity:	AA 15-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNC1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KCNC1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	KCNC1
Alternative Name:	KCNC1 (KCNC1 Products)

Target Details

Background: 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_HUMAN, Voltage gated potassium channel subunit Kv3.1, Voltage-gated potassium channel subunit Kv3.1.

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.

Gene ID: 3746

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

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