antibodies

Datasheet for ABIN657542 anti-KCNK18 antibody (AA 168-197)

2 Images



Overview

Quantity:	400 µL
Target:	KCNK18
Binding Specificity:	AA 168-197
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This KCNK18 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 168-197 amino acids from the Central region of human KCNK18.
Clone:	RB33126
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KCNK18
Alternative Name:	KCNK18 (KCNK18 Products)
Background:	Two-pore domain potassium channels, such as KCNK18, give rise to background, or leak,

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Target Details

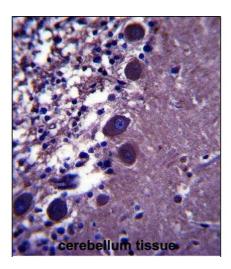
	potassium conductance, and they regulate diverse cellular functions by adjusting both the
	resting membrane potential and excitability. KCNK18 is unique among this family of potassium
	channels in that its activity is regulated by intracellular calcium (summary by Czirjak and Enyedi,
	2006 [PubMed 16569637]).
Molecular Weight:	43671
Gene ID:	338567
NCBI Accession:	NP_862823
UniProt:	Q7Z418

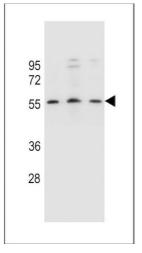
Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	KCNK18 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. KCNK18 Antibody (Center) (ABIN657542 and ABIN2846557) immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of KCNK18 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. KCNK18 Antibody (Center) (ABIN657542 and ABIN2846557) western blot analysis in SiHa,,MCF-7 cell line lysates (35 µg/lane).This demonstrates the KCNK18 antibody detected the KCNK18 protein (arrow).

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