

Datasheet for ABIN572052
anti-KCNN4 antibody (C-Term)



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Overview

Quantity:	500 µg
Target:	KCNN4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNN4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit antibody to KCNN4
Immunogen:	A synthetic peptide from the c-terminal region of human KCNN4 conjugated to an immunogenic carrier protein was used as the antigen. The peptide is homologous in rat and mouse.
Isotype:	IgG
Specificity:	Specific for KCNN4.
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	KCNN4
Alternative Name:	KCNN4 (KCNN4 Products)
Background:	Function: Forms a voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization which promotes calcium influx. The channel is blocked by clotrimazole and charybdotoxin but is insensitive to apamin. Subcellular location: Membrane Multi-pass membrane protein. Tissue specificity: Widely expressed in non-excitabile tissues.
UniProt:	O15554

Application Details

Application Notes:	IHC WB. A concentration of 10-50,µg/ml is recommended. The optimal concentration should be determined by the end user. Not yet tested in other applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 500 µl of MQ water. Centrifuge to remove any insoluble material.
Handling Advice:	Avoid freeze and thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months