

KCNN2 Polyclonal Antibody

Catalog NumberPA5-19205

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Goat / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	2-4 µg/mL
Type	Antibody	Western Blot (WB)	0.3-1 µg/mL
Immunogen	Synthetic peptide sequence (ESYDKHVTYNAER) corresponding to the internal amino acids of KCNN2	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Purification	Ammonium sulfate precipitation		
Storage buffer	TBS, pH 7.3, with 0.5% BSA		
Contains	0.02% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with bovine, canine, mouse and rat based on sequence homology. This antibody is tested in Peptide ELISA: antibody detection limit dilution 64,000.

Background/Target Information

Action potentials in vertebrate neurons are followed by an afterhyperpolarization that may persist for several seconds and may have profound consequences for the firing pattern of the neuron. Each component of the AHP is kinetically distinct and is mediated by different calcium-activated potassium channels. The protein encoded by this gene is activated before membrane hyperpolarization and is thought to regulate neuronal excitability by contributing to the slow component of synaptic AHP. The encoded protein is an integral membrane protein that forms a voltage-independent calcium-activated channel with three other calmodulin-binding subunits. This gene is a member of the KCNN family of potassium channel genes. Two transcript variants encoding different isoforms have been found for this gene.

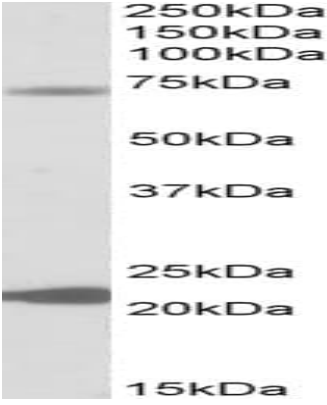
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Product Images For KCNN2 Polyclonal Antibody



**KCNN2 Antibody (PA5-19205) in WB**  
Western blot analysis of KCNN2 using KCNN2 Polyclonal Antibody (Product # PA5-19205) (0.3 µg/mL) in staining of Human Liver lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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