

Kv1.8 Polyclonal Antibody

Catalog # AP63703

Product Information

Application	WB, IHC-P
Primary Accession	Q16322
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57785

Additional Information

Gene ID	3744
Other Names	Potassium voltage-gated channel subfamily A member 10 (Voltage-gated potassium channel subunit Kv1.8)
Dilution	WB~~WB 1:1000-2000, IHC 1:100-200 IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

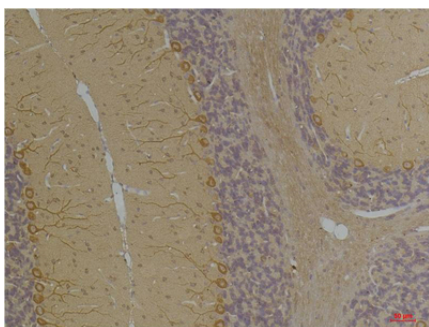
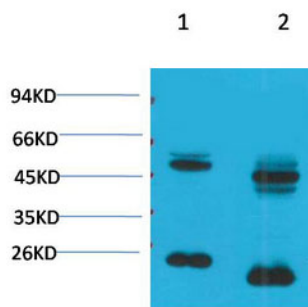
Name	KCNA10 (HGNC:6219)
Function	Voltage-gated potassium ion channel that mediates K(+) permeability of excitable membranes. When opened in response to the voltage difference across the membrane, KCNA10 channel selectively allows the flow of potassium ions across the membrane down their electrochemical gradient.
Cellular Location	Membrane; Multi-pass membrane protein
Tissue Location	Detected in kidney, in proximal tubules, glomerular endothelium, in vascular endothelium and in smooth muscle cells

Background

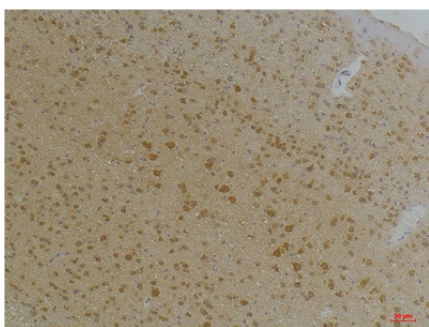
Mediates voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient. The channel activity is up-regulated by cAMP.

Images

Western blot analysis of 1) Rat Brain Tissue, 2) Mouse Brain Tissue with Kv1.8 Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Kv1.8 Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using Kv1.8 Rabbit pAb diluted at 1:200.

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