

KCNN2 (SK2) rabbit pAb

Cat No.:ES20695

For research use only

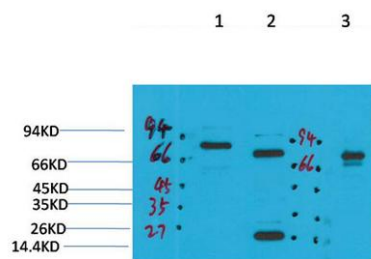
Overview

Product Name	KCNN2 (SK2) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:1000-2000, IHC 1:100-200
Immunogen	Synthetic Peptide of KCNN2 (SK2)
Specificity	KCNN2(SK2) protein(A244) detects endogenous levels of KCNN2(SK2)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	
Gene Name	
Cellular localization	smooth endoplasmic reticulum,plasma membrane,cell surface,integral component of membrane,Z disc,T-tubule,neuronal cell body,dendritic spine,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	70,26kD
Human Gene ID	3781
Human Swiss-Prot Number	Q6PJI0
Alternative Names	YM3565
Background	potassium calcium-activated channel subfamily N member 2(KCNN2) Homo sapiens Action potentials in vertebrate neurons are followed by an afterhyperpolarization (AHP) 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

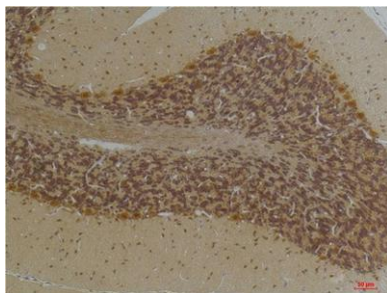


and is mediated by different calcium-activated potassium channels. The protein encoded by this gene is activated before membrane hyperpolarization and is thought to regulate neuronal excitability by contributing to the slow component of synaptic AHP. This gene is a member of the KCNN family of potassium channel genes. The encoded protein is an integral membrane protein that forms a voltage-independent calcium-activated channel with three other calmodulin-binding subunits. Alternate splicing of this gene results in multiple transcript variants. [provided by RefSeq, May 2013],

Western blot analysis of 1) Rat BrainTissue, 2) Mouse Brain Tissue, 3) HepG2 with KCNN2(SK2) Rabbit pAb diluted at 1:2,000.



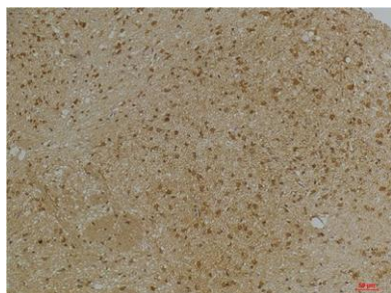
Immunohistochemical analysis of paraffin-embedded Human BrainTissue using KCNN2(SK2) Rabbit pAb diluted at 1:200.





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Immunohistochemical analysis of paraffin-embedded
Mouse BrainTissue using KCNN2(SK2) Rabbit pAb diluted
at 1:200.



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