



ELK Biotechnology

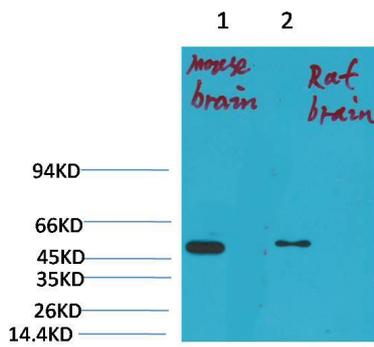
Kv1.1 potassium channel Rabbit pAb

Catalog NO.: EA299

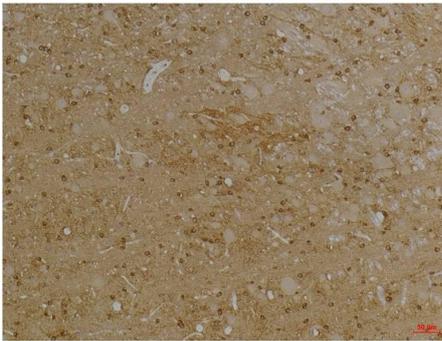
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Overview

Product name	Kv1.1 potassium channel Rabbit polyclonal antibody
Source	Rabbit
Applications	WB, IHC
Species reactivity	Human, Rat, Mouse
Recommended dilutions	WesternBlot:1/1000-2000 Immunohistochemistry:1/100-200 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	56kDa
GenelD (Human)	3736
Human Swiss-Prot No.	Q09470
Cellular localization	Cell junction, Cell membrane, Cell projection, Cytoplasmic vesicle, Endoplasmic reticulum, Membrane, Synapse
Alternative Names	AEMK,EA1,HBK1,HUK1,Kcal 1,MK1 RBK1
Background	Mediates the 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.



Western blot analysis of 1) Mouse BrainTissue, 2)Rat Brain Tissue with KV1.1 potassium channel Rabbit pAb EA299 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat BrainTissue using KV1.1 Potassium Channel (EA299) Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse BrainTissue using KV1.1 Potassium Channel (EA299) Rabbit pAb diluted at 1:200.