ELK Biotechnology

Kv10.2 rabbit pAb

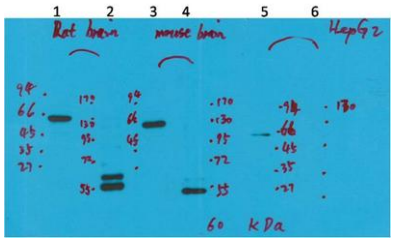
Cat No.:ES20684

For research use only

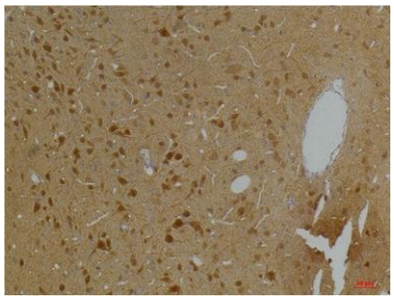
Overview

Product Name	Kv10.2 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 Kv10.2 AA range: 264-314
Specificity	Kv10.2 protein(A260) detects endogenous levels of Kv10.2
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	Potassium voltage-gated channel subfamily H member 5 (Ether-a-go-go potassium channel 2) (hEAG2) (Voltage-gated potassium channel subunit Kv10.2)
Gene Name	KCNH5
Cellular localization	Membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	60kD
Human Gene ID	238271
Human Swiss-Prot Number	Q8NCM2
Alternative Names	Potassium voltage-gated channel subfamily H member 5 (Ether-a-go-go potassium channel 2;hEAG2;Voltage-gated potassium channel subunit Kv10.2)
Background	This gene encodes a member of voltage-gated potassium channels. Members of this family have diverse functions, including regulating neurotransmitter and hormone release, cardiac

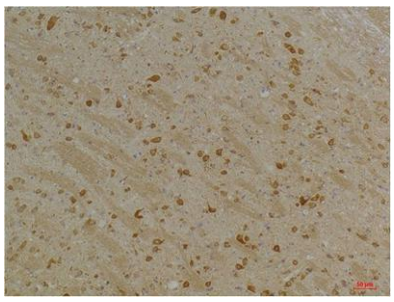
function, and cell volume. This protein is an outward-rectifying, noninactivating channel. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],



Western blot analysis of 1) Rat Brain Tissue-Low Molecular Protein Marker, 2)Rat Brain Tissue-High Molecular Protein Marker, 3) Mouse Brain Tissue-Low Molecular Protein Marker, 4) Mouse Brain Tissue- High Molecular Protein Marker, 5) HepG2-Low Molecular P



Immunohistochemical analysis of paraffin-embedded Rat BrainTissue using Kv10.2 Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse BrainTissue using Kv10.2 Rabbit pAb diluted at 1:200.