ELK Biotechnology

Kv3.4 (phospho Ser15) rabbit pAb

Cat No.:ES5995

For research use only

Overview

Product Name	Kv3.4 (phospho Ser15) rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human Kv3.4 (phospho Ser15)
Specificity	Phospho-Kv3.4 (S15) Polyclonal Antibody detects endogenous levels of Kv3.4 protein only when phosphorylated at S15.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃. Avoid repeated freeze-thaw cycles.
Protein Name	Potassium voltage-gated channel subfamily C member 4
Gene Name	KCNC4
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	
Human Gene ID	3749
Human Swiss-Prot Number	Q03721
Alternative Names	KCNC4; Potassium voltage-gated channel subfamily C member 4; KSHIIIC; Voltage-gated potassium channel subunit Kv3.4
Background	The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels

and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. It generates atypical voltage-dependent transient current that may be important for neuronal excitability. Multiple transcript variants have been found for this gene. [provided by RefSeq, Jul 2010],