BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Kv11.3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10794
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of Kv11.3
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF
Concentration	1 mg/ml
Full name	Potassium voltage-gated channel subfamily H member 7
Synonyms	Potassium voltage-gated channel subfamily H member 7 ;Ether-a-go-go-related gene potassium channel 3;ERG-3;Eag-related protein 3;Ether-a-go-go-related protein 3;hERG-3;Voltage-gated potassiu; Potassium voltage-gated channel subfamily H member 7; Ether-a-go-go-related gene potassium channel 3; ERG-3; Eag-related protein 3; Ether-a-go-go-related protein 3; hERG-3; Voltage-gated potassium channel subunit Kv11.3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily H. This member is a pore-forming (alpha) subunit. There are at least two alternatively spliced transcript variants derived from this gene and encoding distinct isoforms.

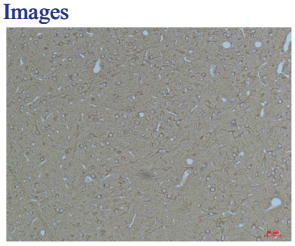
Recommended Dilution

WB: 1: 1000 - 1: 2000

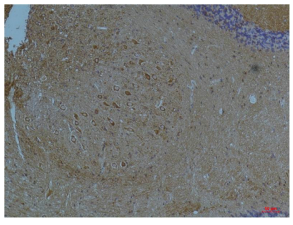
IHC: 1: 100 - 1: 200

Not yet tested in other applications.

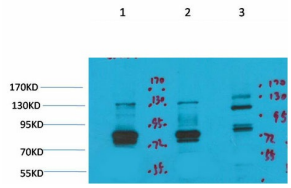
Images



Immunohistochemical analysis of paraffin-embedded Rat BrainTissue using Kv11.3 Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse BrainTissue using Kv11.3 Rabbit pAb diluted at 1:200.



Western blot analysis of 1) Rat Brain Tissue, 2)Mouse Brain Tissue, 3) Hela with KV11.3 Rabbit pAb diluted at 1:2,000.

Storage

-20°C for 1 year

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