Kv1.6 Polyclonal Antibody

Catalog:	BS65717	Host:	Rabbit	Reactivity:	Human,Mouse,Rat,Chicken,Pig,Rabbit,Sheep,

BackGround:

Voltage-gated K+ channels in the plasma membrane control the repolarization and the frequency of action potentials in neurons, muscles, and other excitable cells. The KV gene family encodes more than 30 genes that comprise the subunits of the K+ channels, and they vary in their gating and permeation properties, subcellular distribution, and expression patterns. Functional KV channels assemble as tetramers consisting of pore-forming alpha-subunits (KV alpha), which include the KV1, KV2, KV3, and KV4 proteins, and accessory or KV beta subunits that modify the gating properties of the coexpressed KV alpha subunits. Differences exist in the patterns of trafficking, biosynthetic processing and surface expression of the major KV1 subunits (KV1.1, KV1.2, KV1.4, KV1.5 and KV1.6) expressed in rat and human brain, suggesting that the individual protein subunits are highly regulated to control for the assembly and formation of functional neuronal channels.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

59 kD

Swiss-Prot:

P17658

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

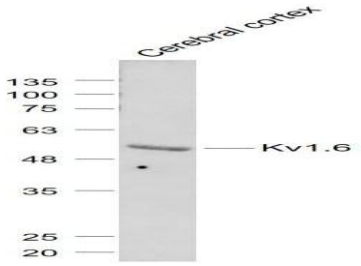
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

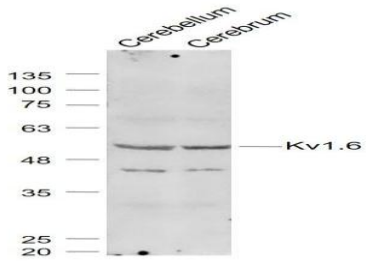
Specificity:

Kv1.6 Polyclonal Antibody detects endogenous levels of Kv1.6 protein.

DATA:



Primary: Anti- Kv1.6 at 1/1000 dilution



Primary: Anti- Kv1.6 at 1/1000 dilution

Note:

For research use only, not for use in diagnostic procedure.

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