

KCNT1 polyclonal antibody

Catalog: BS65131

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

potassium sodium-activated channel subfamily T member 1(KCNT1) Homo sapiens Potassium 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 sodium-activated potassium channel subunit which is thought to function in ion conductance and developmental signaling pathways. Mutations in this gene cause the early-onset epileptic disorders, malignant migrating partial seizures of infancy and autosomal dominant nocturnal frontal lobe epilepsy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012],

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Molecular Weight:

~ 140 kDa

Swiss-Prot:

Q5JUK3

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications:

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

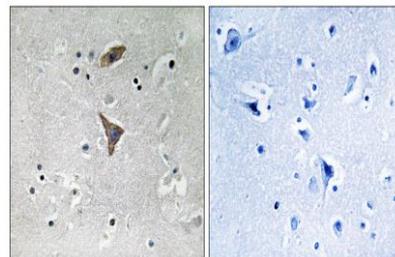
Storage&Stability:

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

Specificity:

KCNT1 Polyclonal Antibody detects endogenous levels of KCNT1 protein.

DATA:



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using KCNT1 Antibody. The picture on the right is blocked with the synthesized peptide.

Note:

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

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