

Anti-KCNT1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 137 kDa. Actual: 137 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: K562 Cell (human) Lysate at 40 µg Primary: Anti-KCNT1 (TMAB-07954) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 137 kD Observed band size: 137 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human KCNT1
Antigen Species:	Human
Gene ID:	57582
Uniprot ID:	Q5JUK3

Research Background

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]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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