

Anti-KCNC4 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 70 kDa. Actual: 70 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Brain (Mouse) lysate at 30 µg; Primary: Anti-KCNC4 (TMAB-07926) at 1:300 dilution; Secondary: HRP conjugated Goat-Anti-rabbit IgG at 1: 5000 dilution; Predicted band size: 70 kD Observed band size: 70 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 KCNC4
Antigen Species:	Human
Gene ID:	3749
Uniprot ID:	Q03721

Research 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].

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