

Anti-KCNMB4 Antibody (aa70-119)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18099**Specification**

Anti-KCNMB4 Antibody (aa70-119) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q86W47
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	23949

Anti-KCNMB4 Antibody (aa70-119) - Additional Information**Gene ID** 27345**Alias Symbol** **KCNMB4****Other Names**

KCNMB4, BK beta 4, BK channel subunit beta-4, BKbeta4, Hbeta4, K(VCA)beta-4, Slowpoke beta 4, Maxi K channel subunit beta-4, Maxi K beta 4, Slo-beta-4

Target/Specificity

MaxiK beta antibody detects endogenous levels of MaxiK beta.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-KCNMB4 Antibody (aa70-119) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-KCNMB4 Antibody (aa70-119) - Protein Information**Name** KCNMB4**Function**

Regulatory subunit of the calcium activated potassium KCNMA1 (maxiK) channel. Modulates the calcium sensitivity and gating kinetics of KCNMA1, thereby contributing to KCNMA1 channel diversity. Decreases the gating kinetics and calcium sensitivity of the KCNMA1 channel, but with fast deactivation kinetics. May decrease KCNMA1 channel openings at low calcium concentrations but increases channel openings at high calcium concentrations. Makes KCNMA1 channel resistant to 100 nM charybdotoxin (CTX) toxin concentrations.

Cellular Location

Membrane; Multi-pass membrane protein.

Tissue Location

Predominantly expressed in brain. In brain, it is expressed in the cerebellum, cerebral cortex, medulla, spinal cord, occipital pole, frontal lobe, temporal lobe, putamen, amygdala, caudate nucleus, corpus callosum, hippocampus, substantia nigra and thalamus Weakly or not expressed in other tissues.

Anti-KCNMB4 Antibody (aa70-119) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-KCNMB4 Antibody (aa70-119) - Images