



Kv3.4 Monoclonal Antibody

KCNC4. AA range:1-50 Specificity Kv3.4 Monoclonal Antibody detects endogenous levels of Kv3.4 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms KCNC4; Potassium voltage-gated channel subfamily C member 4; KSHIIIC Voltage-gated potassium channel subunit Kv3.4 Observed Band 70kD Cell Pathway Membrane; Multi-pass membrane protein. Tissue Specificity Brain, Function Brain, The segment S4 is probably the voltage-sensor and is characterizer series of positively charged amino acids at every third position, domain. The may be important in modulation of channel activity and/or targeting of the cl to specific subcellular compartments, function. This protein mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel throe across the membrane. He protein forms a potassium-selective channel throe across the membrane. He protein forms a potassium selective channel thore across the membrane. </th <th></th> <th></th>		
ReactivityHuman;Mouse;MonkeyApplicationsWBGene NameKCNC4Protein NamePotassium voltage-gated channel subfamily C member 4ImmunogenThe antiserum was produced against synthesized peptide derived from hum KCNC4. AA range:1-50SpecificityKv3.4 Monoclonal Antibody detects endogenous levels of Kv3.4 protein.FormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide SourceSourceMonoclonal, Mouse,IgGPurificationThe antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsKCNC4; Potassium voltage-gated channel subfamily C member 4; KSHIIIC Voltage-gated potassium channel subunit Kv3.4Observed Band70kDCell PathwayMembrane; Multi-pass membrane protein.FunctionBrain,FunctionGomain:The segment S4 is probably the voltage-sensor and is characterize assuming opened or closed conformation in response to the voltage differ brains across the membranes. Assuming opened or closed conformation in response to the voltage differ brains.	Catalog No	BYmab-16455
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gradient.,PTM:Phosphorylation of serine residues in the inactivation gate in	Function	

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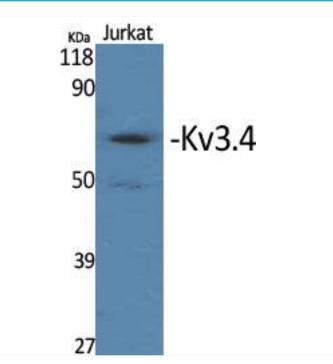
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	(Shaw) subfamily.,subunit:Homotetramer (Probable). Heterotetramer of potassium channel proteins.,
Background	The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on 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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.





Western Blot analysis of various cells using Kv3.4 Monoclonal Antibody

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