Mouse KCNAB1 Monoclonal Antibody | anti-KCNAB1 antibody

KCNAB1 antibody

CATALOG #	HOST	APPLICATIONS
AAA108273	**Mouse**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

KCNAB1; Monoclonal Antibody; KCNAB1 antibody; Monoclonal KCNAB1; Anti-KCNAB1; AKR6A3; hKvb3; hKvBeta3; KCNA1B; KV-BETA-1; Kvb1.3; KCNAB 1; KCNAB-1; anti-KCNAB1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	9F7
Purity/Purification	KCNAB1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	401
Applicable Applications for anti-KCNAB1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	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. Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in Drosophila, and each has been shown to have human homolog(s). This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily. This member includes three distinct isoforms which are encoded by three alternatively spliced transcript variants of this gene.
Cross-Reactivity	Human
Immunogen	KCNAB1 antibody was raised in Mouse using full length human recombinant prtein of human KCNAB1 produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant KCNAB1 protein (Right) or empty vector (Left) detected with KCNAB1 antibody

IHC (Immunohistochemistry)
Immunohistochemical analysis of KCNAB1 protein in paraffin embedded Carcinoma of Human thyroid tissue using KCNAB1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-KCNAB1 antibody	Mouse monoclonal KCNAB1 antibody
Product Categories/Family for anti-KCNAB1 antibody	Nutrition & Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	649121949
NCBI Official Full Name	KCNAB1, partial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/kcnab1-antibody-clone-9f7-western-blot-immunohistochemistry-elisa/108273