

Rabbit anti-Human, Mouse KCNMB4 Polyclonal Antibody | anti-KCNMB4 antibody

KCNMB4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301793	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

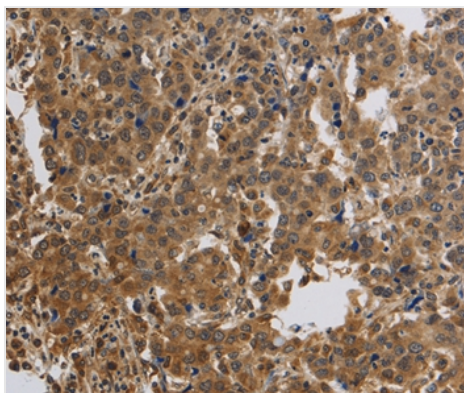
PRODUCT SYNONYMS

KCNMB4; Polyclonal Antibody; KCNMB4 Antibody; Hbeta4; K(VCA)beta-4; KCMB4; Slo-beta-4; anti-KCNMB4 antibody

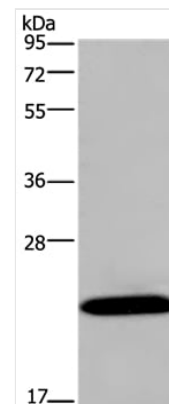
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total KCNMB4 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.9 mg/ml (varies by lot)
Sequence Length	210
Applicable Applications for anti-KCNMB4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human potassium large conductance calcium-activated channel, subfamily M, beta member 4
Target Name	KCNMB4
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/40.


Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Mouse brain tissue Amount of lysate: 40ug per lane Primary antibody: 1/500 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-KCNMB4 antibody	MaxiK channels are large conductance, voltage and calcium-sensitive potassium channels which are fundamental to the control of smooth muscle tone and neuronal excitability. MaxiK channels can be formed by 2 subunits: the pore-forming alpha subunit and the modulatory beta subunit. The protein encoded by this gene is an auxiliary beta subunit which slows activation kinetics, leads to steeper calcium sensitivity, and shifts the voltage range of current activation to more negative potentials than does the beta 1 subunit.
Product Categories/Family for anti-KCNMB4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	26051275
NCBI GeneID	27345
NCBI Accession #	NP_055320.4
NCBI GenBank Nucleotide #	NM_014505.5
UniProt Accession #	Q86W47; Q8IVR3; Q9NPA4; Q9P0G5
Molecular Weight	23,949 Da
NCBI Official Full Name	calcium-activated potassium channel subunit beta-4
NCBI Official Synonym Full Names	potassium channel subfamily M regulatory beta subunit 4
NCBI Official Symbol	KCNMB4
NCBI Protein Information	calcium-activated potassium channel subunit beta-4
UniProt Protein Name	Calcium-activated potassium channel subunit beta-4
UniProt Gene Name	KCNMB4
UniProt Synonym Gene Names	BKbeta4; Hbeta4
UniProt Entry Name	KCMB4_HUMAN

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/polyclonal/kcnmb4-antibody-immunohistochemistry-western-blot-elisa/301793>