

Rabbit KCNMB2 Polyclonal Antibody | anti-KCNMB2 antibody

KCNMB2 Antibody (C-term)

CATALOG # AAA288956	HOST Rabbit	REACTIVITY Human, mouse, rat	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

KCNMB2; Polyclonal Antibody; KCNMB2 Antibody (C-term); Calcium-activated potassium channel subunit beta-2; BK channel subunit beta-2; BKbeta2; Hbeta2; Calcium-activated potassium channel; subfamily M subunit beta-2; Charybdotoxin receptor subunit beta-2; Hbeta3; K(VCA)beta-2; Maxi K channel subunit beta-2; Slo-beta-2; anti-KCNMB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KCNMB2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 174-189 amino acids from the C-terminal region of human KCNMB2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.49 (varies by lot)
Sequence Length	235
Applicable Applications for anti-KCNMB2 antibody	ELISA, WB (Western Blot)
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-KCNMB2 Antibody (C-term) at 1:1000 dilution + HepG2 whole cell lysates. Lysates/proteins at 20 ug per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 27 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)

All lanes : Anti-KCNMB2 Antibody (C-term) at 1:2000 dilution. Lane 1: human brain lysates. Lane 2: mouse brain lysates. Lane 3: rat brain lysates. Lysates/proteins at 20 ug per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 27 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-KCNMB2 antibody	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. Acts as a negative regulator that confers rapid and complete inactivation of KCNMA1 channel complex. May participate in KCNMA1 inactivation in chromaffin cells of the adrenal gland or in hippocampal CA1 neurons.
References	Wallner M.,et al.Proc. Natl. Acad. Sci. U.S.A. 96:4137-4142(1999). Brenner R.,et al.J. Biol. Chem. 275:6453-6461(2000). Xia X.-M.,et al.J. Neurosci. 19:5255-5264(1999). Meera P.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:5562-5567(2000). Xia X.-M.,et al.J. Gen. Physiol. 121:125-148(2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	524589096
NCBI GeneID	10242
NCBI Accession #	NP_001265840.1
NCBI GenBank Nucleotide #	NM_001278911.1
UniProt Accession #	Q9Y691
Molecular Weight	27130
NCBI Official Full Name	calcium-activated potassium channel subunit beta-2
NCBI Official Synonym Full Names	potassium channel subfamily M regulatory beta subunit 2
NCBI Official Symbol	KCNMB2
NCBI Protein Information	calcium-activated potassium channel subunit beta-2
UniProt Protein Name	Calcium-activated potassium channel subunit beta-2
UniProt Gene Name	KCNMB2
UniProt Synonym Gene Names	BKbeta2; Hbeta2
UniProt Entry Name	KCMB2_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/kcnmb2-antibody-western-blot-elisa/288956>