

Rabbit MaxiKbeta Polyclonal Antibody | anti-MaxiKbeta antibody

MaxiKbeta Polyclonal Antibody

CATALOG # AAA295197	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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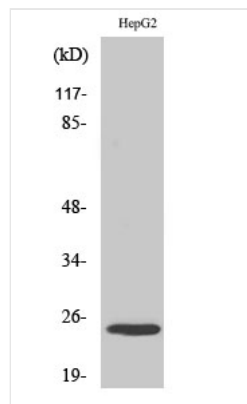
PRODUCT SYNONYMS

MaxiKbeta; Polyclonal Antibody; MaxiKbeta Polyclonal Antibody; KCNMB4; Calcium-activated potassium channel subunit beta-4; BK channel subunit beta-4; BKbeta4; Hbeta4; Calcium-activated potassium channel; subfamily M subunit beta-4; Charybdotoxin receptor subunit beta-4; K (VCA)beta-4; Maxi K channel sub; anti-MaxiKbeta antibody

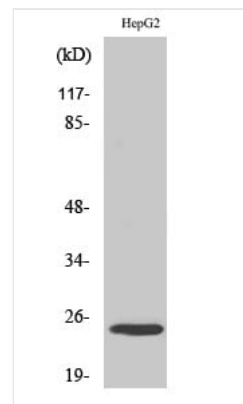
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-MaxiKbeta antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000.
Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-MaxiKbeta 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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	26051275
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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 calcium-activated 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/maxikbeta-antibody-immunohistochemistry-western-blot-elisa/295197>