

KCNMB4 Antibody

Catalog No: #37680

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Description

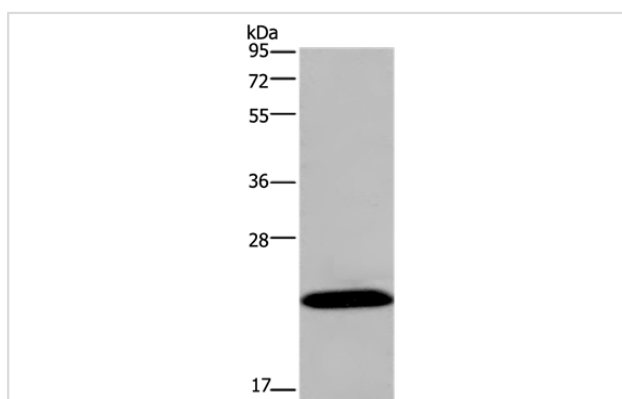
Product Name	KCNMB4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total KCNMB4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human potassium large conductance calcium-activated channel, subfamily M, beta member 4
Target Name	KCNMB4
Other Names	Hbeta4; K(VCA)beta-4; KCMB4; KCNMB4; Slo-beta-4
Accession No.	Swiss-Prot#: Q86W47NCBI Gene ID: 27345Gene Accssion: NP_055320
Uniprot	Q86W47
GeneID	27345;
SDS-PAGE MW	24kd
Concentration	2.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

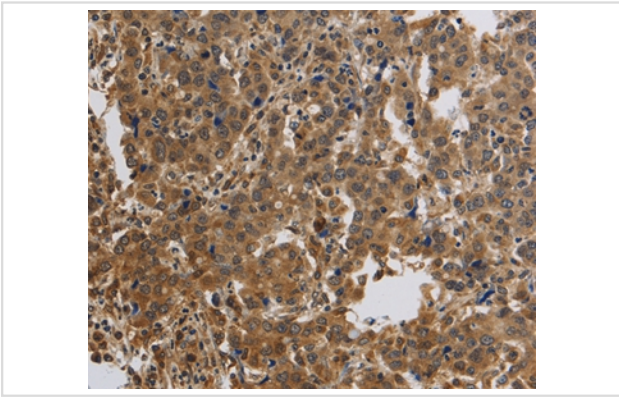
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



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



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #37680 at dilution 1/40.

Background

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.

Note: This product is for in vitro research use only