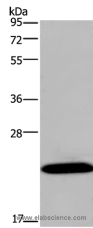


KCNMB4 Polyclonal Antibody

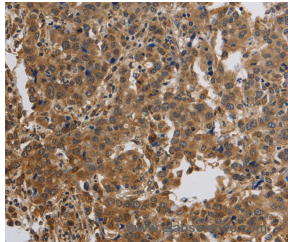
| | | | |
|---------------------|---|-------------------|--------|
| Catalog No. | E-AB-13358 | Reactivity | H,M,R |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Rabbit |
| Applications | WB,IHC,ELISA | Isotype | IgG |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

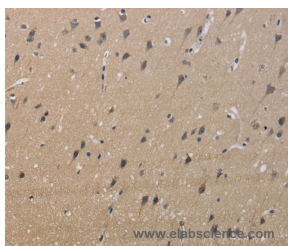
Images



Western Blot analysis of Mouse brain tissue using KCNMB4 Polyclonal Antibody at dilution of 1:500



Immunohistochemistry of paraffin-embedded Human liver cancer using KCNMB4 Polyclonal Antibody at dilution of 1:40



Immunohistochemistry of paraffin-embedded Human brain using KCNMB4 Polyclonal Antibody at dilution of 1:40

Immunogen Information

| | |
|-----------------------|---|
| Immunogen | Synthetic peptide of human KCNMB4 |
| Gene Accession | NP_055320 |
| Swissprot | Q86W47 |
| Synonyms | BK channel subunit beta 4,BKbeta4,Hbeta4,K(VCA)beta 4,KCNMB4,Maxi K channel subunit beta 4,Slo beta 4 |

Product Information

| | |
|----------------------|---|
| Calculated MW | 24kDa |
| Buffer | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |
| Purify | Affinity purification |
| Dilution | WB 1:500-1:2000, IHC 1:50-1:200 |

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.