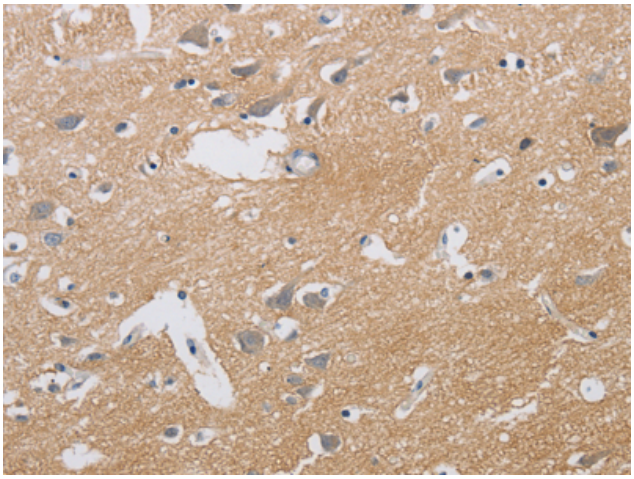
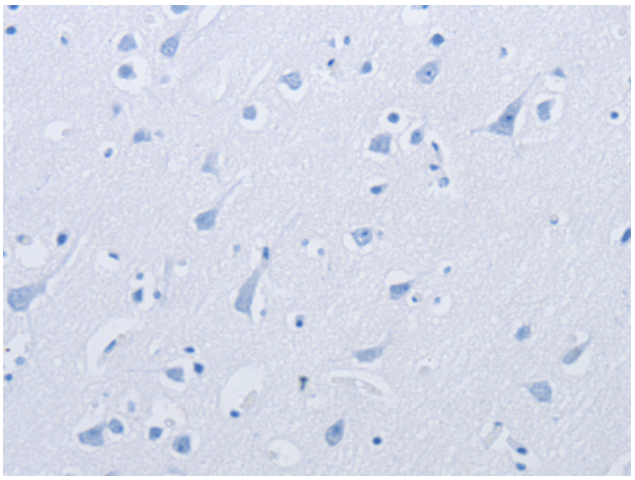
KCNMB3 RABBIT PAB

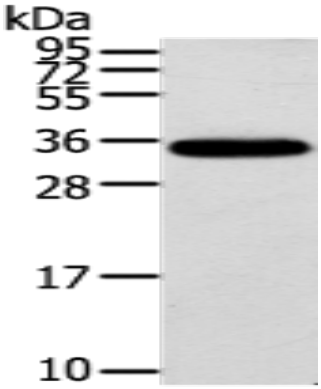
Cat.#: S220651
Product Name: Anti-KCNMB3 Rabbit Polyclonal Antibody
Synonyms: HBETA3; KCNMB2; KCNMBL; BKBETA3; SLOBETA3; SLO-BETA-3; K(VCA)BETA-3
UNIPROT ID: Q9NPA1 (Gene Accession - NP_055222)
Background: MaxiK channels are large conductance, voltage and calcium-sensitive potassium channels which are 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 may partially inactivate or slightly decrease the activation time of MaxiK alpha subunit currents. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 22.
Immunogen: Synthetic peptide of human KCNMB3
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 25-100;WB: 500-2000;ELISA: 5000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human, Mouse
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Metabolism, Neuroscience
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human brain tissue using 220651(KCNMB3 Antibody) at a dilution of 1/40(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 220651(Anti-KCNMB3 Antibody) at dilution 1/40.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
Lane: Mouse brain tissue;
Primary antibody: 220651(KCNMB3 Antibody) at dilution 1/300;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 5 seconds