

Product datasheet for **TA371397**

KCNMB3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse brain tissue IHC: 25-100 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human KCNMB3
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	32 kDa
Gene Name:	potassium calcium-activated channel subfamily M regulatory beta subunit 3
Database Link:	Entrez Gene 27094 Human Q9NPA1



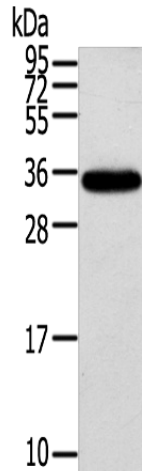
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Background:

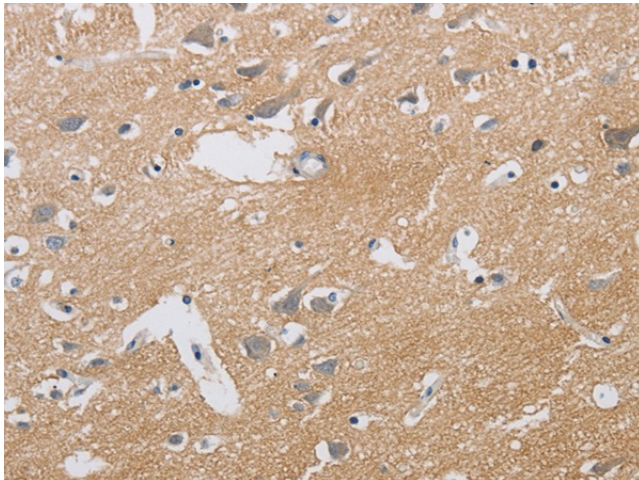
MaxiK channels are large conductance, voltage and calcium-sensitive potassium channels which are fundamental to the control of smooth muscle tone and neuronal excitability. MaxiK channels can be formed by 2 subunits: the pore-forming alpha subunit and the modulatory beta subunit. The protein encoded 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.

Synonyms:

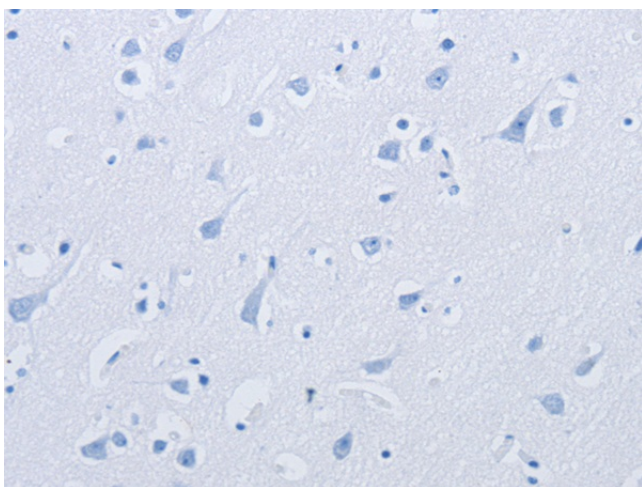
BKBETA3; HBETA3; K(VCA)beta-3; KCNMB2; KCNMBL; Slo-beta-3; SLOBETA3

Product images:

Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane: Mouse brain tissue
Primary antibody: TA371397 (KCNMB3 Antibody)
at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 5 seconds



Immunohistochemistry of paraffin-embedded
Human brain tissue using TA371397 (KCNMB3
Antibody) at dilution 1/40 (Original magnification:
×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA371397 (KCNMB3 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: x200)