

Product datasheet for **TA371398**

KCNMB4 Rabbit Polyclonal Antibody

Product data:

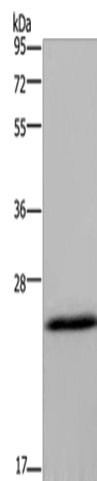
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse brain tissue IHC: 50-200 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human KCNMB4
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:	24 kDa
Gene Name:	potassium calcium-activated channel subfamily M regulatory beta subunit 4
Database Link:	Entrez Gene 27345 Human Q86W47
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.



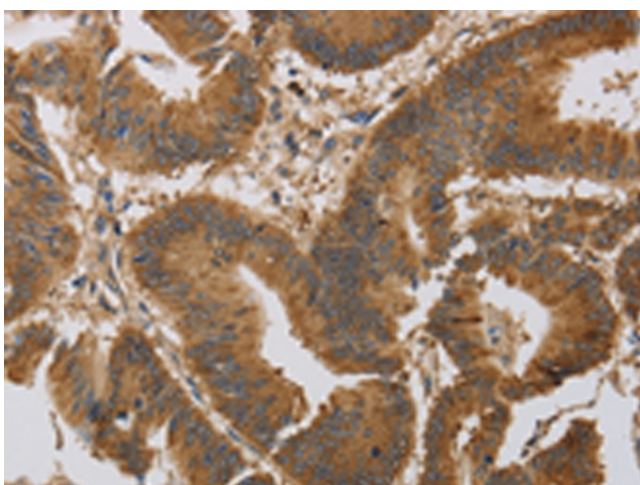
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Synonyms: BKbeta4; Hbeta4; K(VCA)beta-4; Slo-beta-4

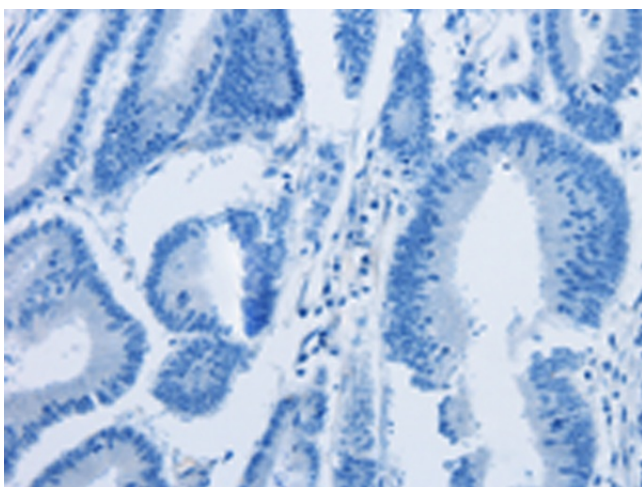
Product images:



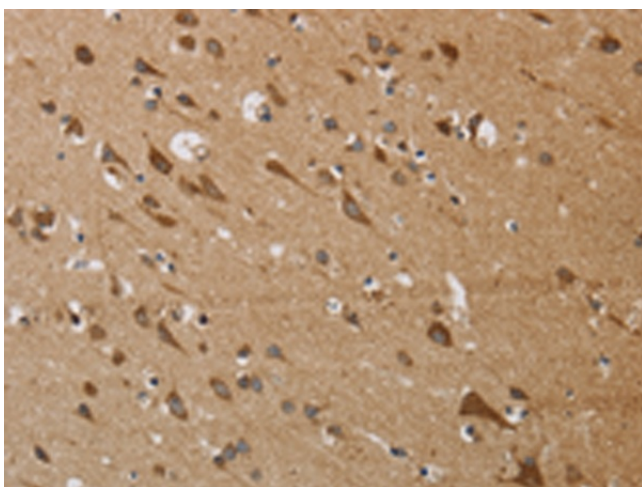
Gel: 10%SDS-PAGE
Lysate: 40 μ g
Lane: Mouse brain tissue
Primary antibody: TA371398 (KCNMB4 Antibody)
at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 20 seconds



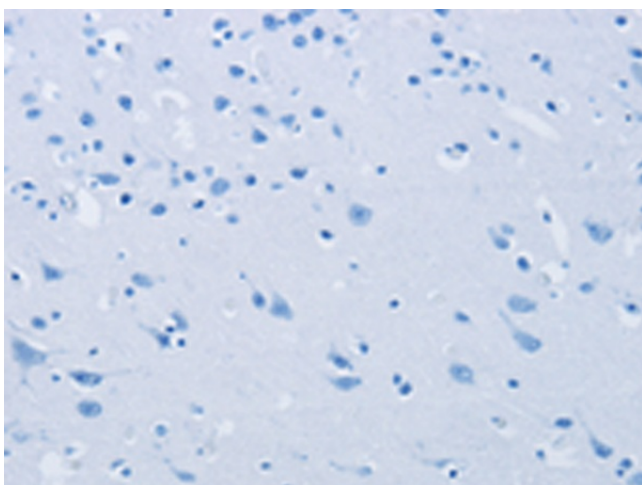
Immunohistochemistry of paraffin-embedded
Human colon cancer tissue using TA371398
(KCNMB4 Antibody) at dilution 1/30 (Original
magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA371398 (KCNMB4 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA371398 (KCNMB4 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA371398 (KCNMB4 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)