

Datasheet for ABIN7243499

anti-KCNMB3 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	KCNMB3
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNMB3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human KCNMB3
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	KCNMB3
Alternative Name:	KCNMB3 (KCNMB3 Products)
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

Target Details

which Human, Mouse 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.

Molecular Weight: 32 kDa

NCBI Accession: [NP_055222](#)

UniProt: [Q9NPA1](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:25-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

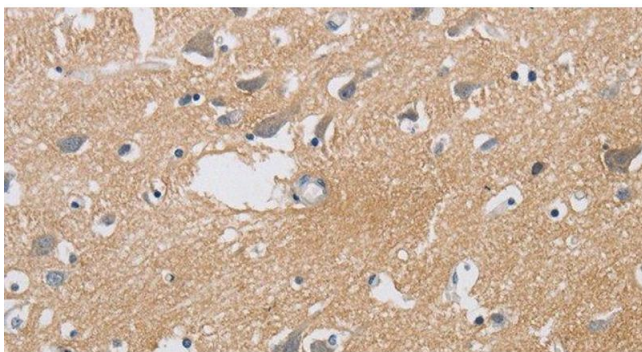
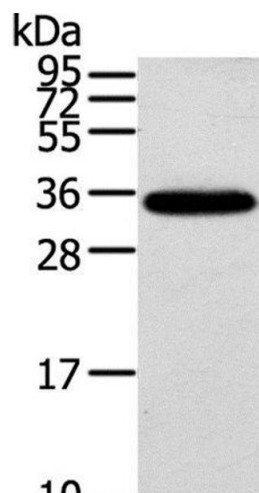
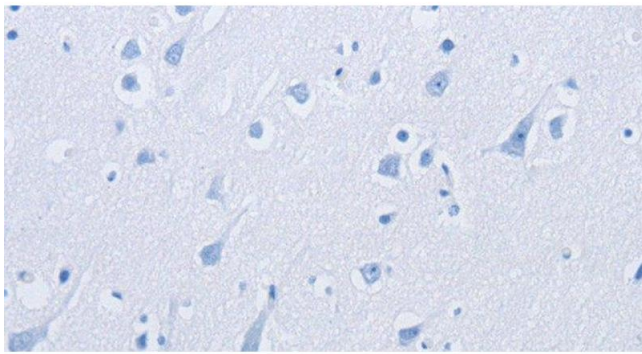
Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded using KCNMB3 Polyclonal Antibody at dilution of 1:

Western Blotting

Image 2. Western Blot analysis of Mouse brain tissue using KCNMB3 Polyclonal Antibody at dilution of 1:300

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human brain using KCNMB3 Polyclonal Antibody at dilution of 1:40