For Research Use Only

KCNMB4 Monoclonal antibody

Catalog Number:60122-1-Ig 2 Publications

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Basic Information

Catalog Number:
60122-1-Ig

Size:
150ul , Concentration: 827 µg/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG5618

GenBank Accession Number:
BC042446

GeneID (NCBI):
27345

UNIPROT ID:
Q86W47

Full Name:
potassium large conductance calcium-activated channel, subfamily M, beta member 4

Calculated MW:
24 kDa

Observed MW:
25 kDa

Purification Method:
Caprylic acid/ammonium sulfate precipitation

CloneNo.:
4H7G3

Recommended Dilutions:
WB 1:500-1:2000
IHC 1:50-1:500

Applications

Tested Applications:
WB, IHC, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse

Cited Species:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : fetal human brain tissue, human brain tissue

IHC : human brain tissue, mouse brain tissue

Notable Publications

Author	Pubmed ID	Journal	Application
Rafał Paweł Kampa	34392086	Biomed Pharmacother	WB
Kamila Maliszewska-Olejniczak	38604459	Mitochondrion	WB

Storage

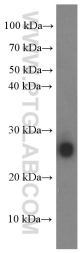
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

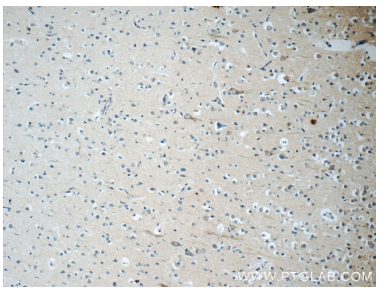
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

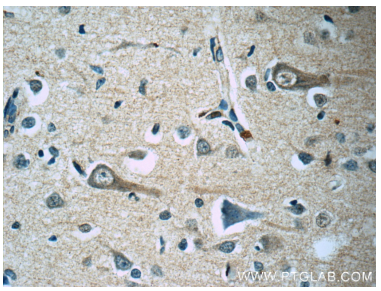
Selected Validation Data



fetal human brain tissue were subjected to SDS PAGE followed by western blot with 60122-1-Ig (KCNMB4 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 60122-1-Ig (KCNMB4 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 60122-1-Ig (KCNMB4 Antibody) at dilution of 1:50 (under 40x lens).