

KCNMB4 Monoclonal antibody

Catalog Number: 60122-1-Ig 2 Publications

Basic Information

Catalog Number: 60122-1-Ig	GenBank Accession Number: BC042446	Purification Method: Caprylic acid/ammonium sulfate precipitation
Size: 827 µg/ml	GeneID (NCBI): 27345	CloneNo.: 4H7G3
Source: Mouse	UNIPROT ID: Q86W47	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Isotype: IgG1	Full Name: potassium large conductance calcium-activated channel, subfamily M, beta member 4	
Immunogen Catalog Number: AG5618	Calculated MW: 24 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : fetal human brain tissue, human brain tissue
Species Specificity: human, mouse	IHC : human brain tissue, mouse brain tissue
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	

Background Information

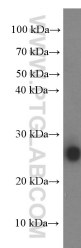
Notable Publications

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

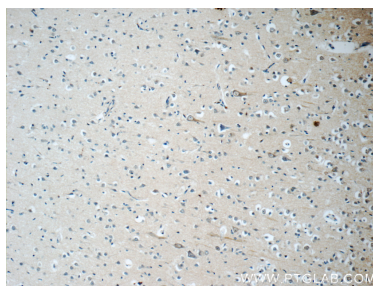
Storage

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

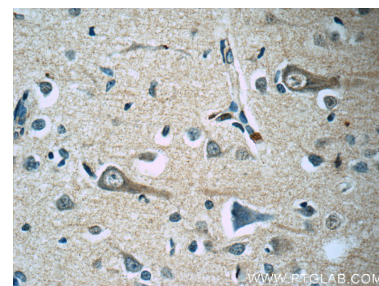
Selected Validation Data



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).