

For Research Use Only

FAM114A1 Monoclonal antibody

Catalog Number: 67926-1-Ig **1 Publications**



Basic Information

Catalog Number: 67926-1-Ig	GenBank Accession Number: BC040452	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 92689	CloneNo.: 1B11D6
Source: Mouse	UNIPROT ID: Q8IWE2	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:200-1:800
Isotype: IgG2a	Full Name: family with sequence similarity 114, member A1	
Immunogen Catalog Number: AG17289	Calculated MW: 563 aa, 61 kDa	
	Observed MW: 80 kDa	

Applications

Tested Applications: IF/ICC, IHC, WB, ELISA	Positive Controls: WB : U2OS cells, PC-12 cells, NIH/3T3 cells, A549 cells, HepG2 cells, LNCaP cells, HeLa cells, HSC-T6 cells
Cited Applications: IHC	IHC : mouse brain tissue,
Species Specificity: Human, rat, mouse	IF : HepG2 cells,
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

FAM114A1, also named as Nervous system overexpressed protein 20, is a 563 amino acid protein, which belongs to the FAM114 family. FAM114A1 localizes in the cytoplasm and may play a role in neuronal cell development. The calculated molecular weight of FAM114A1 is 61 kDa, but the modified FAM114A1 may be 70-80 kDa protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Baoling Liu	34912698	Front Oncol	IHC

Storage

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

For technical support and original validation data for this product please contact:

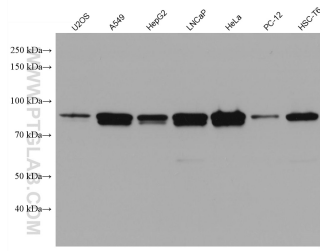
T: 4006900926

E: Proteintech-CN@ptglab.com

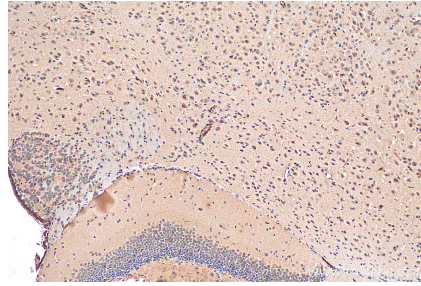
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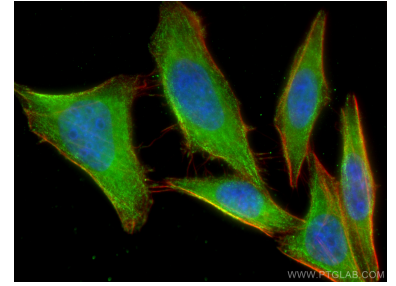
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67926-1-Ig (FAM114A1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67926-1-Ig (FAM114A1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using FAM114A1 antibody (67926-1-Ig, Clone: 1B1D6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).