

FAM114A1 Monoclonal antibody

Catalog Number: 67926-1-Ig 1 Publications

Basic Information

Catalog Number:

67926-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG17289

GenBank Accession Number:

BC040452

GeneID (NCBI):

92689

UNIPROT ID:

Q8IWE2

Full Name:

family with sequence similarity 114, member A1

Calculated MW:

563 aa, 61 kDa

Observed MW:

80 kDa

Purification Method:

Protein A purification

CloneNo.:

1B11D6

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:500-1:2000

IF/ICC 1:200-1:800

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

IHC

Species Specificity:

Human, rat, 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 : U2OS cells, PC-12 cells, NIH/3T3 cells, A549 cells, HepG2 cells, LNCaP cells, HeLa cells, HSC-T6 cells

IHC : mouse brain tissue,

IF/ICC : HepG2 cells,

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

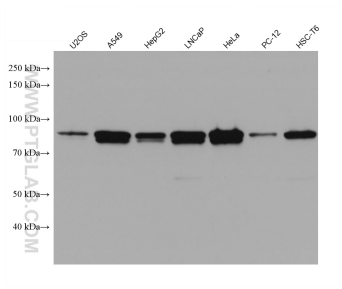
For technical support and original validation data for this product please contact:

T: 4006900926

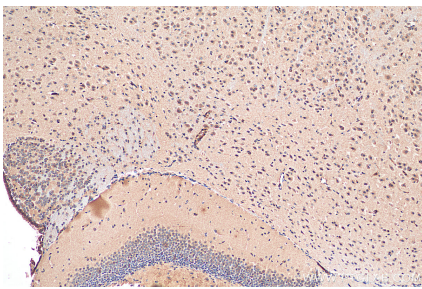
E: Proteintech-CN@ptglab.comW: ptgcn.com

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

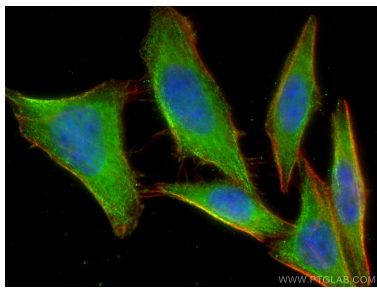
Selected Validation Data



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).