

For Research Use Only

FAM114A1 Monoclonal antibody, PBS Only (Capture)

Catalog Number:67926-1-PBS



Basic Information

Catalog Number: 67926-1-PBS	GenBank Accession Number: BC040452	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 92689	CloneNo.: 1B11D6
Source: Mouse	UNIPROT ID: Q8IWE2	
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:
WB, IHC, IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat

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.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

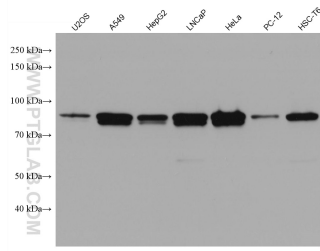
T: 4006900926

E: Proteintech-CN@ptglab.com

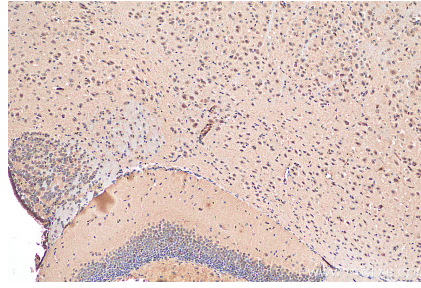
W: ptgcn.com

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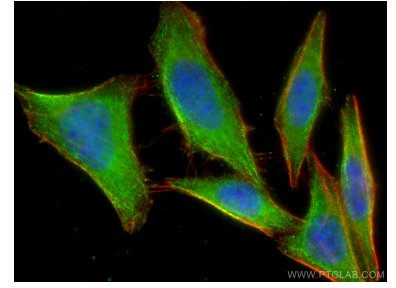
Selected Validation Data



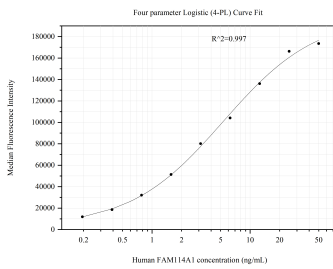
Various lysates were subjected to SDS PAGE followed by western blot with 67926-1-Ig (FAM114A1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67926-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 67926-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using FAM114A1 antibody (67926-1-Ig, Clone: 1B11D6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67926-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP51192-1, FAM114A1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67926-1-PBS. Detection antibody: 67926-2-PBS. Standard: Ag17289. Range: 0.195-50 ng/mL.