

For Research Use Only

FAM134A Polyclonal antibody

Catalog Number: 24650-1-AP



Basic Information

Catalog Number: 24650-1-AP	GenBank Accession Number: BC002420	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 79137	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: family with sequence similarity 134, member A	
Isotype: IgG	Calculated MW: 543 aa, 58 kDa	
Immunogen Catalog Number: AG20025	Observed MW: 70 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

human, mouse, rat

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 : mouse thymus tissue, rat brain tissue

IHC : mouse brain tissue,

IF : U2OS cells,

Background Information

The protein family with sequence similarity 134 (FAM134) consists of three proteins, FAM134B, FAM134A, and FAM134C, which share the same LIR amino acid sequence. FAM134 reticulon family proteins (FAM134A, FAM134B, and FAM134C) are ER-phagy receptors with structural similarities and nonredundant functions. The protein family with sequence similarity 134 (FAM134). Fam134A (also known as metastasis-associated genes 2, MAG-2) is widely expressed in various types of tissues including tumors, and is considered to be closely correlated with tumor proliferation, invasion, and metastasis.

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

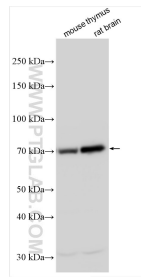
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

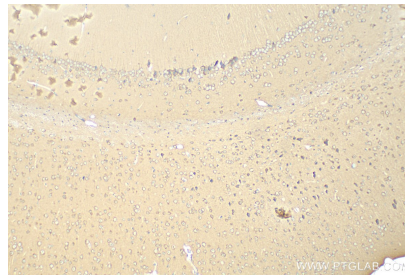
E: proteintech@ptglab.com
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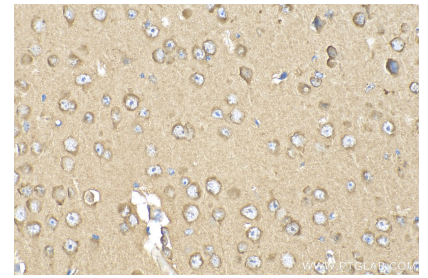
Selected Validation Data



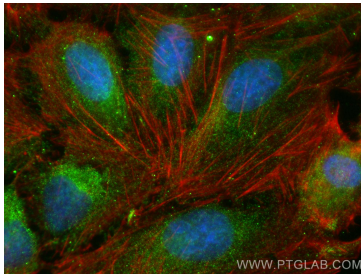
Various lysates were subjected to SDS PAGE followed by western blot with 24650-1-AP (FAM134A antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24650-1-AP (FAM134A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24650-1-AP (FAM134A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using FAM134A antibody (24650-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).