

For Research Use Only

# FAM134A Polyclonal antibody

Catalog Number: 24650-1-AP



## Basic Information

<b>Catalog Number:</b> 24650-1-AP	<b>GenBank Accession Number:</b> BC002420	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 550 µg/ml	<b>GeneID (NCBI):</b> 79137	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NC44	
<b>Isotype:</b> IgG	<b>Full Name:</b> family with sequence similarity 134, member A	
<b>Immunogen Catalog Number:</b> AG20025	<b>Calculated MW:</b> 543 aa, 58 kDa	
	<b>Observed MW:</b> 70 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, IHC, WB, ELISA	<b>Positive Controls:</b> WB : mouse thymus tissue, rat brain tissue IHC : mouse brain tissue, IF : U2OS cells,
<b>Species Specificity:</b> human, mouse, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

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

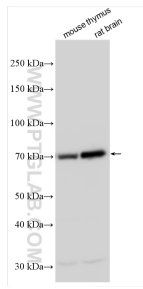
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

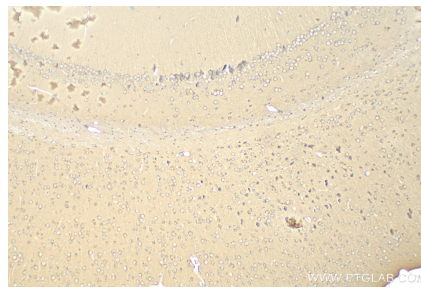
W: [ptgcn.com](http://ptgcn.com)

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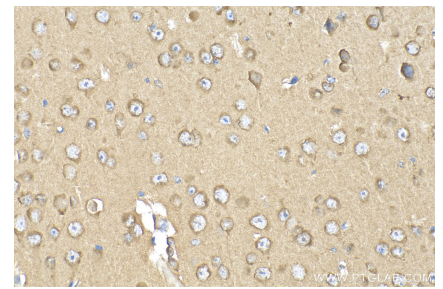
## Selected Validation Data



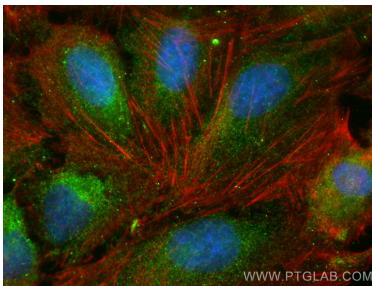
Various lysates were subjected to SDS PAGE followed by western blot with 24650-1-AP (FAM134A antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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).