

For Research Use Only

# FAM134C Polyclonal antibody

Catalog Number: 26330-1-AP



## Basic Information

<b>Catalog Number:</b> 26330-1-AP	<b>GenBank Accession Number:</b> BC049370	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 162427	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q86VR2	
<b>Isotype:</b> IgG	<b>Full Name:</b> family with sequence similarity 134, member C	
<b>Immunogen Catalog Number:</b> AG23680	<b>Observed MW:</b> 65 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HEK-293T cells, HeLa cells, HuH-7 cells <b>IF/ICC :</b> U2OS cells,

## Background Information

The protein family with sequence similarity 134 (FAM134) comprises three proteins: FAM134B, FAM134A, and FAM134C. These proteins share the same LIR amino acid sequence. FAM134C, also known as the reticulophagy regulator 3 (RETRREG3), plays a crucial role as an ER-phagy receptor. It is essential for maintaining ER morphology in a LC3-interacting region (LIR)-dependent manner.

## Storage

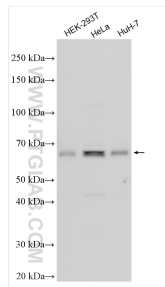
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

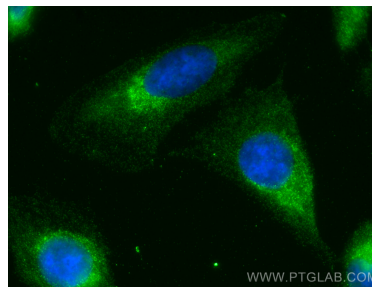
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26330-1-AP (FAM134C antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using FAM134C antibody (26330-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).