

FAM134C Polyclonal antibody

Catalog Number: 26330-1-AP

Basic Information

Catalog Number:

26330-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23680

GenBank Accession Number:

BC049370

GeneID (NCBI):

162427

UNIPROT ID:

Q86VR2

Full Name:

family with sequence similarity 134, member C

Observed MW:

65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293T cells, HeLa cells, HuH-7 cells

IF/ICC : 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:

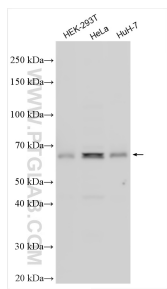
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

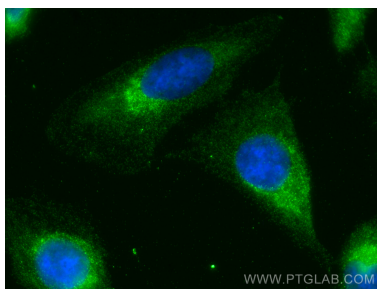
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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 AffiniPure Goat Anti-Rabbit IgG(H+L).