

For Research Use Only

# FAM54A Polyclonal antibody

Catalog Number: 26569-1-AP



## Basic Information

**Catalog Number:**

26569-1-AP

**Size:**

150ul , Concentration: 650 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG23711

**GenBank Accession Number:**

BC063688

**GeneID (NCBI):**

113115

**UNIPROT ID:**

Q6P444

**Full Name:**

family with sequence similarity 54, member A

**Observed MW:**

43 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:6000

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : Jurkat cells, Kasumi-1 cells

IF/ICC : HeLa cells,

## Background Information

Family with sequence similarity 54 member A (FAM54A), also known as MTFR2 or DUFD1, is a mitochondrial outer membrane protein that controls embryonic development and cell differentiation. FAM54A is co-transcribed with core centromere/kinetochore components and plays a critical role in bridging proper mitochondrial fission and chromosome segregation.

## 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

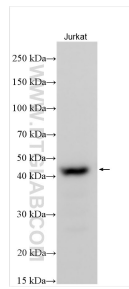
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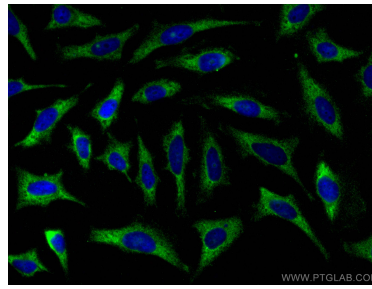
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## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 26569-1-AP (FAM54A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using FAM54A antibody (26569-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).