

FAM54A Polyclonal antibody

Catalog Number: 26569-1-AP

Basic Information

Catalog Number:

26569-1-AP

Size:

650 µg/ml

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, 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:

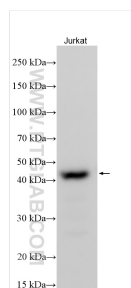
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

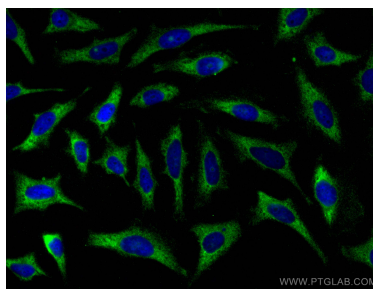
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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