

For Research Use Only

# FAM54A Recombinant antibody

Catalog Number: 85219-3-RR



## Basic Information

<b>Catalog Number:</b> 85219-3-RR	<b>GenBank Accession Number:</b> BC063688	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 113115	<b>CloneNo.:</b> 242908F7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6P444	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> family with sequence similarity 54, member A	
<b>Immunogen Catalog Number:</b> AG23711	<b>Observed MW:</b> 43 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> K-562 cells, HL-60 cells, Jurkat cells, Kasumi-1 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

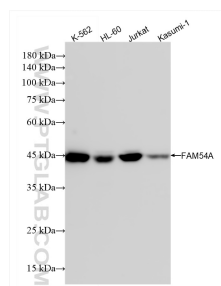
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85219-3-RR (FAM54A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.