

For Research Use Only

# FAM72A Polyclonal antibody

Catalog Number:33987-1-AP



## Basic Information

<b>Catalog Number:</b> 33987-1-AP	<b>GenBank Accession Number:</b> BC035696	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 430 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 729533	<b>Recommended Dilutions:</b> WB: 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q5TYM5	
<b>Isotype:</b> IgG	<b>Full Name:</b> family with sequence similarity 72, member A	
<b>Immunogen Catalog Number:</b> AG41693	<b>Calculated MW:</b> 149 aa, 17 kDa	
	<b>Observed MW:</b> 17 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Daudi cells, Raji cells, Ramos cells
<b>Species Specificity:</b> human	

## Background Information

FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive oxygen species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon adenomas. FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72.

## 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

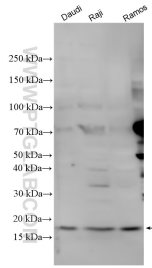
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33987-1-AP (FAM72A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.