

For Research Use Only

# MRPS34 Polyclonal antibody

Catalog Number: 15166-1-AP



## Basic Information

<b>Catalog Number:</b> 15166-1-AP	<b>GenBank Accession Number:</b> BC001182	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 350 µg/ml	<b>GeneID (NCBI):</b> 65993	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:250-1:1000 IF 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P82930	
<b>Isotype:</b> IgG	<b>Full Name:</b> mitochondrial ribosomal protein S34	
<b>Immunogen Catalog Number:</b> AG7287	<b>Calculated MW:</b> 26 kDa	
	<b>Observed MW:</b> 26 kDa	

## Applications

**Tested Applications:**  
IF/ICC, IHC, WB, ELISA

**Species Specificity:**  
human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** A549 cells, HeLa cells, Jurkat cells

**IHC:** human breast cancer tissue,

**IF:** A549 cells,

## Background Information

### 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

For technical support and original validation data for this product please contact:

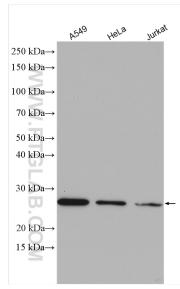
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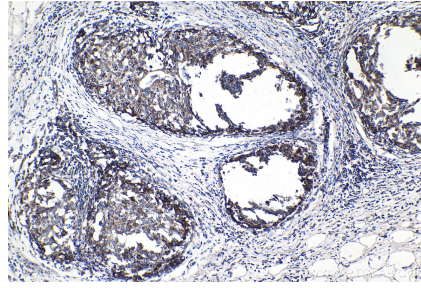
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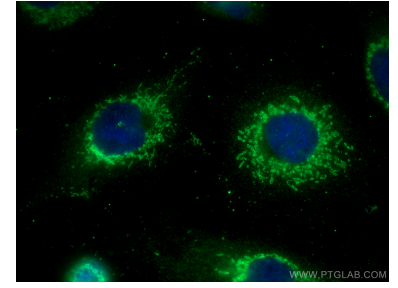
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15166-1-AP (MRPS34 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15166-1-AP (MRPS34 antibody) at dilution of 1:500 (under 10x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using MRPS34 antibody (15166-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).