

For Research Use Only

# TSFM Polyclonal antibody

Catalog Number: 11701-1-AP

Featured Product

2 Publications



## Basic Information

### Catalog Number:

11701-1-AP

### Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 173 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2308

### GenBank Accession Number:

BC022862

### GeneID (NCBI):

10102

### UNIPROT ID:

P43897

### Full Name:

Ts translation elongation factor, mitochondrial

### Calculated MW:

35 kDa

### Observed MW:

35 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB

### Species Specificity:

human

### Cited Species:

human

**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 : HeLa cells, PC-3 cells, HEK-293 cells

IHC : human colon cancer tissue, human kidney tissue, human stomach cancer tissue

IF/ICC : HeLa cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Jing Yuan	39827178	Cell Death Dis	WB
Xiao-Yun Li	38578353	Mol Biol Rep	WB

## 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

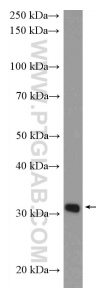
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

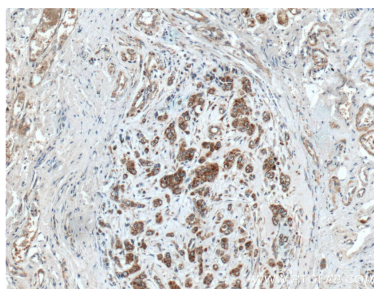
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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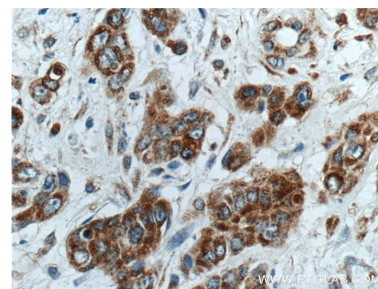
## Selected Validation Data



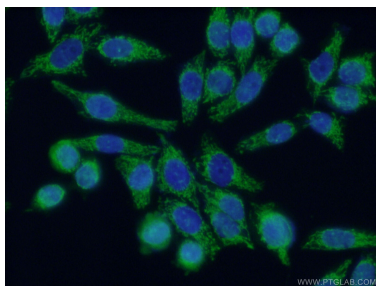
HeLa cells were subjected to SDS PAGE followed by western blot with 11701-1-AP (TSFM Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11701-1-AP (TSFM antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11701-1-AP (TSFM antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 11701-1-AP (TSFM antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).