

For Research Use Only

# TRIM22 Polyclonal antibody

Catalog Number: 13744-1-AP

Featured Product

13 Publications



## Basic Information

### Catalog Number:

13744-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4683

### GenBank Accession Number:

BC035582

### GeneID (NCBI):

10346

### UNIPROT ID:

Q8IYM9

### Full Name:

tripartite motif-containing 22

### Calculated MW:

498 aa, 57 kDa

### Observed MW:

50 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IHC 1:300-1:1200

## Applications

### Tested Applications:

IHC, ELISA

### Cited Applications:

WB, IHC, IF

### 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:

IHC : human lung cancer tissue, mouse spleen tissue, mouse pancreas tissue

## Background Information

Tripartite motif containing 22 (TRIM22), a member of the TRIM/RBCC family, has been reported to activate the nuclear factor-kappa B (NF-κB) pathway in unstimulated macrophage cell lines (PMID: 23818111). TRIM22 is involved in the host antiviral response, TRIM22 expression is modulated in response to several other viruses and viral antigens. TRIM22 expression is high in monocytes and early granulocytes but decreases in the lymphocyte and late granulocyte populations and is undetectable in erythroid cells (PMID: 32814880).

## Notable Publications

Author	Pubmed ID	Journal	Application
Matthew Charman	34621686	Front Cell Infect Microbiol	WB, IHC, IF
Yang Wang	35117439	Transl Cancer Res	WB
Liyin Li	29762880	Cell Biol Int	WB

## 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

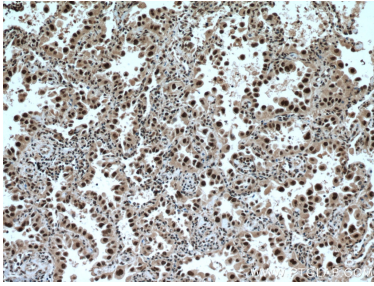
For technical support and original validation data for this product please contact:

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

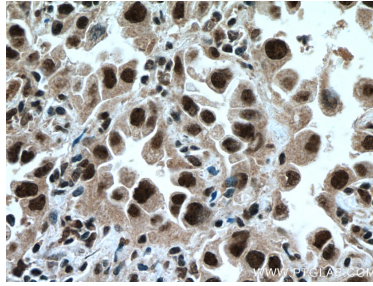
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

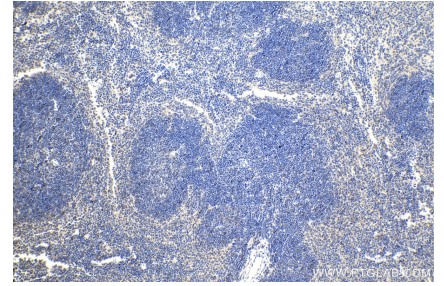
## Selected Validation Data



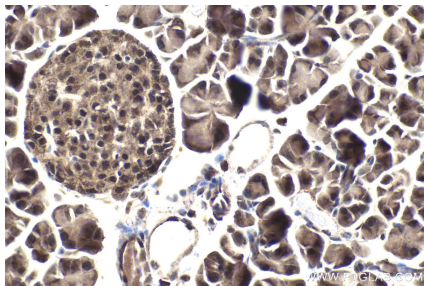
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 13744-1-AP (TRIM22 antibody) at dilution of 1:600 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 13744-1-AP (TRIM22 antibody) at dilution of 1:600 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 13744-1-AP (TRIM22 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 13744-1-AP (TRIM22 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).