

For Research Use Only

# IL-32 Polyclonal antibody

Catalog Number: 11079-1-AP

Featured Product

10 Publications



## Basic Information

Catalog Number:

11079-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1484

GenBank Accession Number:

BC009401

GeneID (NCBI):

9235

UNIPROT ID:

P24001

Full Name:

interleukin 32

Calculated MW:

27 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:200-1:800

## Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB, IHC, IF, ELISA

Species Specificity:

human

Cited Species:

human, mouse

**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, human colon cancer tissue

## Background Information

Interleukin 32 (IL32) is a member of the cytokine family. IL32 contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. IL32 is a predominantly intracellular proinflammatory cytokine produced by epithelial cells, monocytes, T-lymphocytes and natural killer cells, and is involved in inflammation and cancer development. IL32 is able to induce the release a variety of pro-inflammatory cytokines such as IL8, tumor necrosis factor- $\alpha$  (TNF  $\alpha$ ) and IL6. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2.

## Notable Publications

Author	Pubmed ID	Journal	Application
Qing-Hua Liu	36187404	World J Gastrointest Oncol	IHC, ELISA
Kohji Takagi	34820013	Oncol Lett	WB, IHC
Jianya He	31680452	J Cell Mol Med	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

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

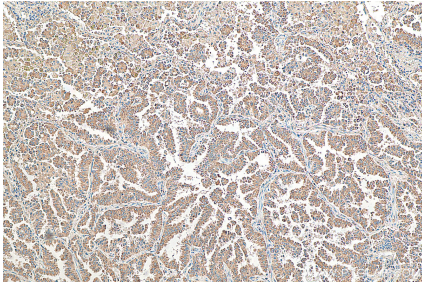
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

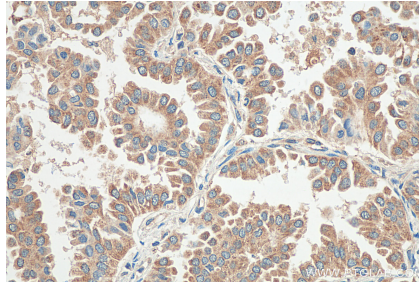
W: [ptgcn.com](http://ptgcn.com)

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 11079-1-AP (IL-32 antibody) at dilution of 1:400 (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 11079-1-AP (IL-32 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).