

For Research Use Only

# IRAK4 Polyclonal antibody

Catalog Number: 18221-1-AP

8 Publications



## Basic Information

Catalog Number:

18221-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12982

GenBank Accession Number:

BC013316

GeneID (NCBI):

51135

UNIPROT ID:

Q9NWZ3

Full Name:

interleukin-1 receptor-associated kinase 4

Calculated MW:

52 kDa

Observed MW:

52 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:3000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human, sheep

**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 : Jurkat cells, K-562 cells

IP : K-562 cells,

IHC : human lung cancer tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Zhongjia Jiang	28553017	Mediators Inflamm	WB
Xiangbing Shu	28831287	Evid Based Complement Alternat Med	WB
Jing Tang	34950033	Front Pharmacol	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:

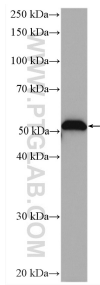
T: 4006900926

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

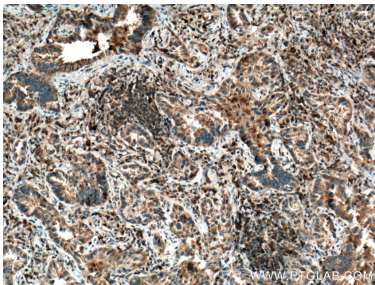
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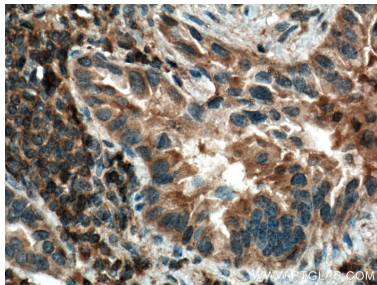
Selected Validation Data



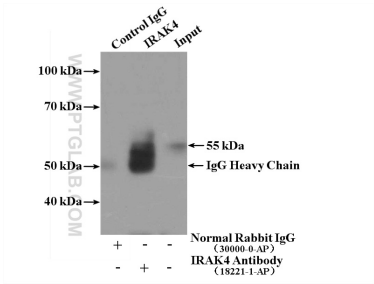
Jurkat cells were subjected to SDS PAGE followed by western blot with 18221-1-AP (IRAK4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 18221-1-AP (IRAK4 antibody) at dilution of 1:200 (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 18221-1-AP (IRAK4 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-IRAK4 (IP:18221-1-AP, 4ug; Detection:18221-1-AP 1:300) with K-562 cells lysate 4000ug.