

For Research Use Only

IRAK4 Polyclonal antibody

Catalog Number: 18221-1-AP **5 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:

IHC, IP, WB, ELISA

Cited Applications:

WB

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:

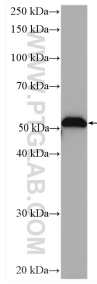
T: 4006900926

E: Proteintech-CN@ptglab.com

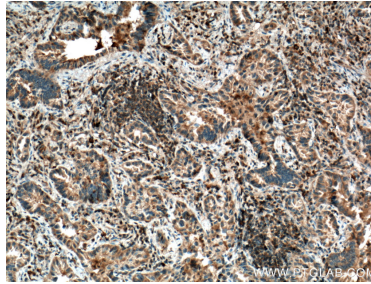
W: ptgcn.com

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

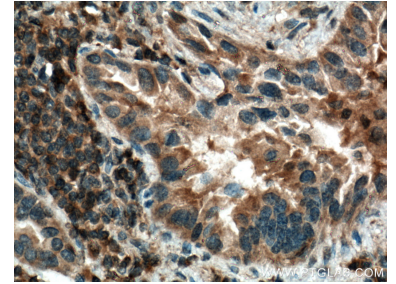
Selected Validation Data



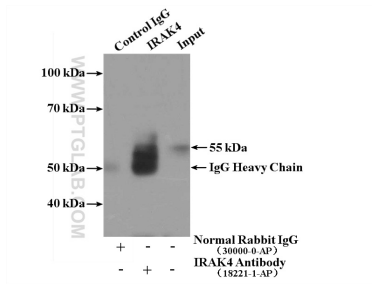
Jurkat cells were subjected to SDS PAGE followed by western blot with 18221-1-AP (IRAK4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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.