

For Research Use Only

IRAK4 Polyclonal antibody

Catalog Number: 18221-1-AP

8 Publications



Basic Information

Catalog Number:

18221-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

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 ug 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,

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

*** 20ul sizes contain 0.1% BSA

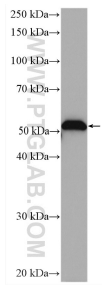
For technical support and original validation data for this product please contact:

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

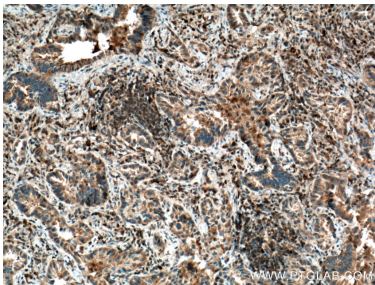
E: proteintech@ptglab.com
W: ptglab.com

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

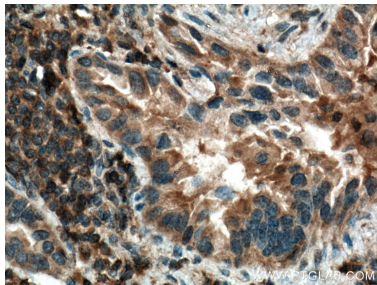
Selected Validation Data



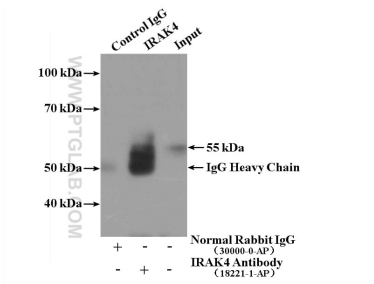
Jurkat cells were subjected to SDS PAGE followed by western blot with 18221-1-AP (IRAK4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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.