

For Research Use Only

JAK2 Polyclonal antibody, PBS Only

Catalog Number: 17670-1-PBS

Featured Product



Basic Information

Catalog Number:

17670-1-PBS

Concentration:

1mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11264

GenBank Accession Number:

BC039695

GeneID (NCBI):

3717

UNIPROT ID:

O60674

Full Name:

Janus kinase 2 (a protein tyrosine kinase)

Calculated MW:

1132 aa, 130 kDa

Observed MW:

120-130 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, ELISA

Species Specificity:

human, mouse

Background Information

Janus kinases (JAKs) are non-receptor tyrosine kinases that are activated by cytokine binding to cytokine receptors resulting in stimulation of the JAK-STAT signaling pathway. Aberrant activation of this signaling pathway is associated with numerous immune disorders and cancer. This antibody can detect full-length band of 130 kDa, and another bands 150 kDa after posttranslational modification.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

T: 4006900926

E: Proteintech-CN@ptglab.com

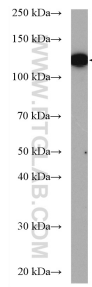
W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17670-1-AP (JAK2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17670-1-PBS in a different storage buffer formulation.



IP result of anti-JAK2 (IP:17670-1-AP, 4ug; Detection:17670-1-AP 1:300) with NIH/3T3 cells lysate 3440 ug. This data was developed using the same antibody clone with 17670-1-PBS in a different storage buffer formulation.

NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 17670-1-AP (JAK2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17670-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17670-1-AP (JAK2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17670-1-PBS in a different storage buffer formulation.