

Product Name: JAK3 Rabbit Polyclonal Antibody**Catalog #: APRab00465**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 125 kDa; Observed MW: 125 kDa

Antigen Information

Gene Name	JAK3
Alternative Names	JAK3; Tyrosine-protein kinase JAK3; Janus kinase 3; JAK-3; Leukocyte janus kinase; L-JAK
Gene ID	3718
SwissProt ID	P52333
Immunogen	The antiserum was produced against synthesized peptide derived from human JAK3. AA range:751-800

Background

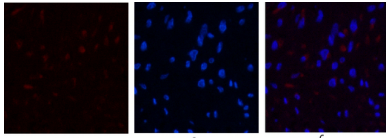
Tyrosine kinase of the non-receptor type, involved in the interleukin-2 and interleukin-4 signaling pathway. Phosphorylates

STAT6, IRS1, IRS2 and PI3K.

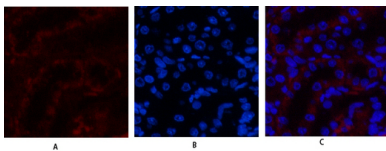
Research Area

Signal Transduction

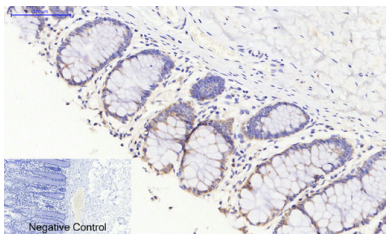
Image Data



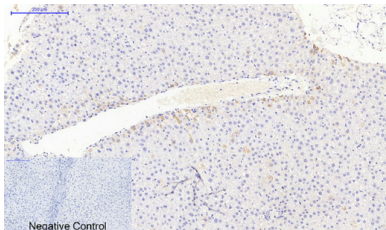
Immunofluorescence analysis of JAK3 in Human uterus tissue using JAK3 antibody(red),and DAPI (blue).



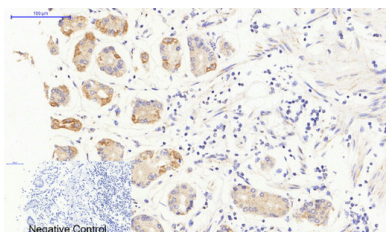
Immunofluorescence analysis of JAK3 in rat kidney using JAK3 antibody(red),and DAPI (blue).



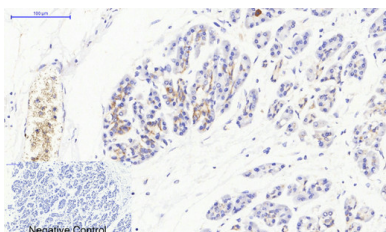
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using JAK3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using JAK3 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded Human stomach tissue using JAK3 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded Human stomach cancer tissue using JAK3 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.