

JAK2(Phospho Tyr570) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10560
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human JAK2 around the phosphorylation site of Tyr570. AA range:541-590
Mol wt	130674
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Tyrosine-protein kinase JAK2
Synonyms	Tyrosine-protein kinase JAK2; JAK2; Tyrosine-protein kinase JAK2; Janus kinase 2; JAK-2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene product is a protein tyrosine kinase involved in a specific subset of cytokine receptor signaling pathways. It has been found to be constitutively associated with the prolactin receptor and is required for responses to gamma interferon. Mice that do not express an active protein for this gene exhibit embryonic lethality associated with the absence of definitive erythropoiesis.

Recommended Dilution

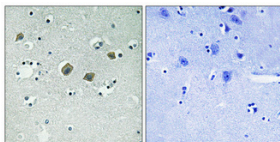
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

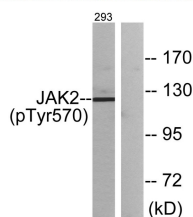
ELISA: 1: 5000

Not yet tested in other applications.

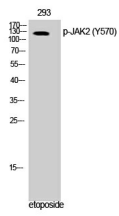
Images



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°C overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western Blot analysis of 293 cells using Phospho-JAK2 (Y570) Polyclonal Antibody



Storage

-20°C for 1 year

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