

Rabbit JAK2 Polyclonal Antibody | anti-JAK2 antibody

JAK2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286370	Rabbit	Mouse (Predicted Reactivity: Pig, Rat)	Immunohistochemistry, ELISA, Western Blot

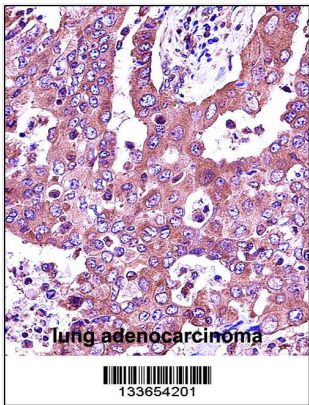
PRODUCT SYNONYMS

JAK2; Polyclonal Antibody; JAK2 Antibody (Center); Tyrosine-protein kinase JAK2; Janus kinase 2; JAK-2; anti-JAK2 antibody

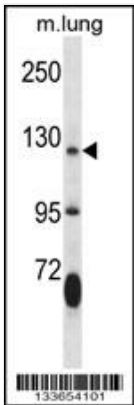
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This JAK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 666-694 amino acids from the Central region of human JAK2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	666-694
Sequence Length	1132
Applicable Applications for anti-JAK2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
JAK2 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung adenocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of JAK2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
JAK2 Antibody (Center) western blot analysis in mouse lung tissue lysates (35ug/lane). This demonstrates the JAK2 antibody detected the JAK2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-JAK2 antibody	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.
Product Categories/Family for anti-JAK2 antibody	Cancer; Cell Biology; Signal transduction
References	Qian, J., et al. Clin. Chim. Acta 411 (23-24), 2097-2100 (2010) : Andrikovics, H., et al. Leukemia 24(10):1809-1813(2010) Beer, P.A., et al. Blood 116(6):1013-1014(2010) Weston, H., et al. Intern Med J (2010) In press : Ma, W., et al. PLoS ONE 5 (8), E12165 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826776
NCBI GeneID	3717
NCBI Accession #	NP_004963.1
NCBI GenBank Nucleotide #	NM_004972.3
UniProt Accession #	O60674; O14636; O75297
Molecular Weight	130674
NCBI Official Full Name	tyrosine-protein kinase JAK2
NCBI Official Synonym Full Names	Janus kinase 2
NCBI Official Symbol	JAK2
NCBI Official Synonym Symbols	JTK10; THCYT3
NCBI Protein Information	tyrosine-protein kinase JAK2
UniProt Protein Name	Tyrosine-protein kinase JAK2

UniProt Gene Name	JAK2
UniProt Synonym Gene Names	JAK-2
UniProt Entry Name	JAK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/jak2-antibody-immunohistochemistry-western-blot-elisa/286370>