

Rabbit JAK2 Polyclonal Antibody | anti-JAK2 antibody

JAK2 (Phospho-Tyr221) Antibody

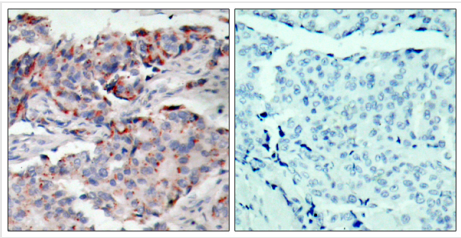
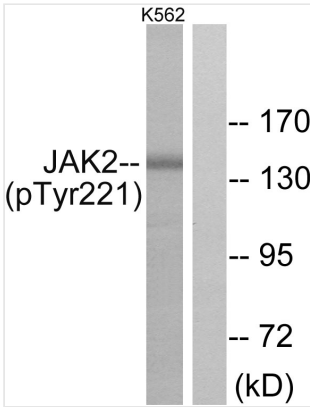
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316520	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

JAK2; Polyclonal Antibody; JAK2 (Phospho-Tyr221) Antibody; JAK-2; Janus kinase 2; kinase Jak2; anti-JAK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	JAK2 (Phospho-Tyr221) Antibody detects endogenous levels of JAK2 only when phosphorylated at Tyr221.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1,132
Applicable Applications for anti-JAK2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y221; M:Y221; R:Y221
Immunogen	The antiserum was produced against synthesized peptide derived from human JAK2 around the phosphorylation site of Tyr221.
Immunogen Range	191-240
Preparation and Storage	Stable at -20 degree C for at least 1 year.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using JAK2 (Phospho-Tyr221) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from K562 cells, using JAK2 (Phospho-Tyr221) Antibody. The lane on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1015809690
NCBI GeneID	3717
NCBI Accession #	NP_001309123.1
NCBI GenBank Nucleotide #	NM_001322194.1
UniProt Accession #	O60674; O14636; O75297
Molecular Weight	130 kDa
NCBI Official Full Name	tyrosine-protein kinase JAK2 isoform a
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

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.