

Rabbit JAK1 Polyclonal Antibody | anti-JAK1 antibody

JAK1 (Phospho-Tyr1022) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316519	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

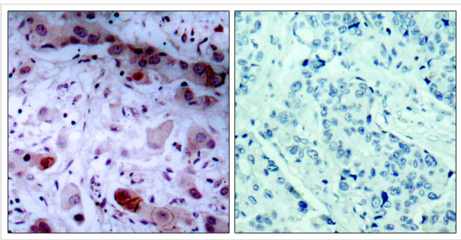
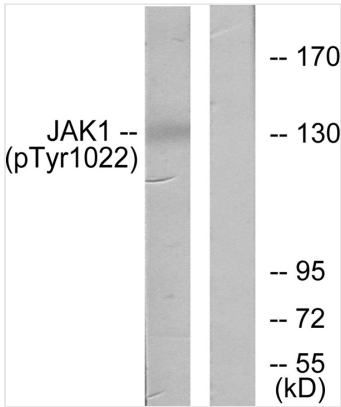
PRODUCT SYNONYMS

JAK1; Polyclonal Antibody; JAK1 (Phospho-Tyr1022) Antibody; JAK-1; JAK1A; Janus kinase 1; kinase Jak1; anti-JAK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	JAK1 (Phospho-Tyr1022) Antibody detects endogenous levels of JAK1 only when phosphorylated at Tyr1022.
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	1,154
Applicable Applications for anti-JAK1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y1022; M:Y1033; R:Y1078
Immunogen	The antiserum was produced against synthesized peptide derived from human JAK1 around the phosphorylation site of Tyr1022.
Immunogen Range	988-1037
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using JAK1 (Phospho-Tyr1022) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from A549 cells, using JAK1 (Phospho-Tyr1022) Antibody. The lane on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1004007314
NCBI GeneID	3716
NCBI Accession #	NP_001307852.1
NCBI GenBank Nucleotide #	NM_001320923.1
UniProt Accession #	P23458; Q59GQ2; Q9UD26
Molecular Weight	131 kDa
NCBI Official Full Name	tyrosine-protein kinase JAK1 isoform 1
NCBI Official Synonym Full Names	Janus kinase 1
NCBI Official Symbol	JAK1
NCBI Official Synonym Symbols	JTK3; JAK1A; JAK1B
NCBI Protein Information	tyrosine-protein kinase JAK1
UniProt Protein Name	Tyrosine-protein kinase JAK1
UniProt Gene Name	JAK1
UniProt Synonym Gene Names	JAK1A; JAK1B; JAK-1

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.