

Rabbit JAK1 Polyclonal Antibody | anti-JAK1 antibody

JAK1 (Phospho-Tyr1022) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303723	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

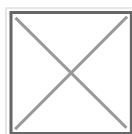
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

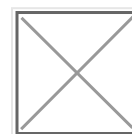
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of JAK1 only when phosphorylated at tyrosine 1022.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5 BSA and 0.02% Sodium Azide
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1154
Applicable Applications for anti-JAK1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phosphospecific antibodies were removed by chromatography using non-phosphopeptide
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 1022 (K-E-Y(p)-Y-T) derived from Human JAK1.
Modification	Phospho
Target Name	JAK1
Preparation and Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

IMAGES



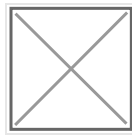
IF (Immunofluorescence)

Immunofluorescence analysis of mouse-liver tissue. JAK1 (phospho Tyr1022) Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using JAK1 (Phospho-Tyr1022) Antibody AAA303723 (left) or the same antibody preincubated with blocking peptide (right).



WB (Western Blot)

Western blot analysis of extracts from HT29 cells untreated or treated with UV using JAK1(Phospho-Tyr1022) Antibody AAA303723.

ADDITIONAL INFORMATION

Related Product Information for anti-JAK1 antibody	This gene encodes a membrane protein that is a member of a class of protein-tyrosine kinases (PTK) characterized by the presence of a second phosphotransferase-related domain immediately N-terminal to the PTK domain. The encoded kinase phosphorylates STAT proteins (signal transducers and activators of transcription) and plays a key role in interferon-alpha/beta and interferon-gamma signal transduction. Alternative splicing results in multiple transcript variants
Product Categories/Family for anti-JAK1 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	102469034
NCBI GeneID	3716
NCBI Accession #	NP_002218.2
NCBI GenBank Nucleotide #	NM_002227.2
UniProt Accession #	P23458; Q59GQ2; Q9UD26
Molecular Weight	Calculated MW: 132kd
NCBI Official Full Name	tyrosine-protein kinase JAK1
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
UniProt Entry Name	JAK1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/jak1-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/303723>