

Rabbit JAK1 (pY1022) Polyclonal Antibody | anti-JAK1 antibody

Anti-JAK1 (pY1022) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA17836	Rabbit	Human, Mouse, Rat, Bovine, Chicken, Dog, Pig	Western Blot, Immunohistochemistry

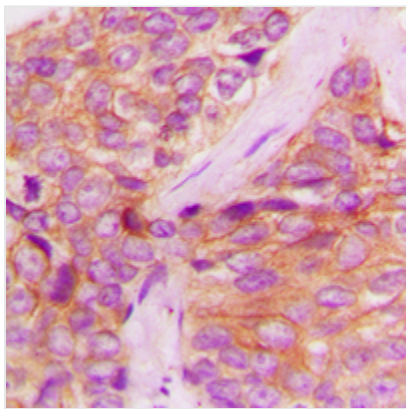
PRODUCT SYNONYMS

JAK1 (pY1022); Polyclonal Antibody; Anti-JAK1 (pY1022) Phospho Antibody; JAK1A; JAK1B; Tyrosine-protein kinase JAK1; Janus kinase 1; JAK-1; anti-JAK1 antibody

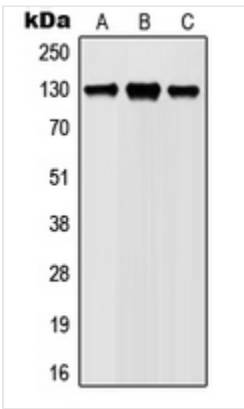
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Dog, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of JAK1 protein only when phosphorylated at Y1022
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	1154
Applicable Applications for anti-JAK1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1/500 - 1/1000 IHC: 1/100 - 1/200
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y1022 of human JAK1 protein. The exact sequence is proprietary.
Preparation and Storage	Aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of JAK1 (pY1022) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of JAK1 (pY1022) expression in HEK293T (A), AD293 (B), HeLa (C) whole cell lysates.(Predicted band size: 133 kD; Observed band size: 130 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-JAK1 antibody	Rabbit polyclonal antibody to JAK1 (pY1022)
--	---

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
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.