

Rabbit JAK1 Polyclonal Antibody | anti-JAK1 antibody

JAK1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286821	Rabbit	Human (Predicted Reactivity: Mouse)	ELISA, Western Blot

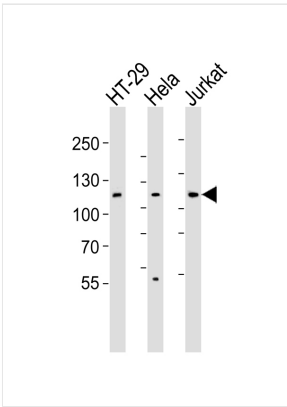
PRODUCT SYNONYMS

JAK1; Polyclonal Antibody; JAK1 Antibody (N-term); Tyrosine-protein kinase JAK1; Janus kinase 1; JAK-1; JAK1A; JAK1B; anti-JAK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This JAK1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 172-204 amino acids from the N-terminal region of human JAK1.
Purity/Purification	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 Length	1,154
Applicable Applications for anti-JAK1 antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Clone Names	RB43809
Antigen Source	HUMAN
Function	Tyrosine kinase of the non-receptor type, involved in the IFN-alpha/beta/gamma signal pathway (PubMed:). Kinase partner for the interleukin (IL)-2 receptor (PubMed:11909529).
Cellular Location	Endomembrane system; Peripheral membrane protein. Note = Wholly intracellular, possibly membrane associated.
Tissue Location	Expressed at higher levels in primary colon tumors than in normal colon tissue. The expression level in metastatic colon tumors is comparable to the expression level in normal colon tissue.
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



WB (Western Blot)
Western blot analysis of lysates from HT-29, HeLa, Jurkat cell line (from left to right), using JAK1 Antibody (N-term). AAA286821 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-JAK1 antibody	Tyrosine kinase of the non-receptor type, involved in the IFN-alpha/beta/gamma signal pathway. Kinase partner for the interleukin (IL)-2 receptor.
Product Categories/Family for anti-JAK1 antibody	Crown Antibodies; Cancer; Developmental Biology; Immunology; Neuroscience; Signal Transduction
References	Wilks A.F.,et al.Mol. Cell. Biol. 11:2057-2065(1991). Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases. Gregory S.G.,et al.Nature 441:315-321(2006). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Lee S.-T.,et al.Oncogene 8:3403-3410(1993).

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	133277
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://www.aaabiotech.com/polyclonal/jak1-antibody-western-blot-elisa/286821>