

JAK2 Antibody | anti-JAK2 antibody

JAK2 (Phospho-Tyr931) Antibody

CATALOG # AAA110302	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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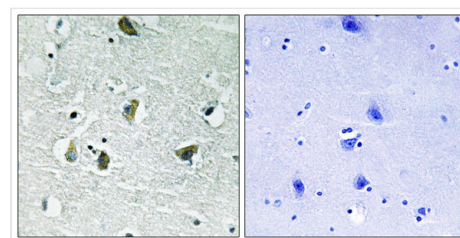
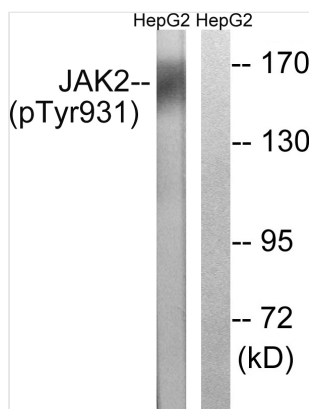
PRODUCT SYNONYMS

JAK2; JAK2 (Phospho-Tyr931) Antibody; EC 2.7.10.2; JAK-2; Janus kinase 2; kinase Jak2; anti-JAK2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	JAK2 (Phospho-Tyr931) antibody detects endogenous levels of JAK2 only when phosphorylated at tyrosine 931.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1132
Applicable Applications for anti-JAK2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human JAK2 around the phosphorylation site of tyrosine 931 (M-E-YP-L-P).
All Sites	Human: Tyr931 Mouse: Tyr931 Rat: Tyr931
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using JAK2 (Phospho-Tyr931) antibody. Western blot analysis of extracts from HepG2 cells, treated with Na₃VO₄ (0.3mM, 40mins), using JAK2 (Phospho-Tyr931) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-JAK2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Saltzman A., Biochem. Biophys. Res. Commun. 246:627-633(1998). Dalal I., Blood 91:844-851(1998). Peeters P., Blood 90:2535-2540(1997).

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	130,674 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/jak2/110302>