

Rabbit anti-Human, Pig Janus Kinase 2 (JAK2) Polyclonal Antibody | anti-JAK2 antibody

Polyclonal Antibody to Janus Kinase 2 (JAK2)

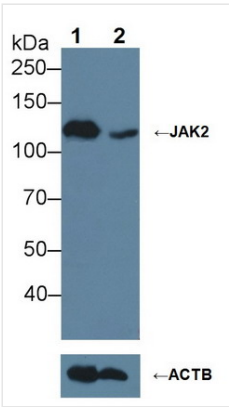
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132474	Rabbit	Human, Pig	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Janus Kinase 2 (JAK2); Polyclonal Antibody; Polyclonal Antibody to Janus Kinase 2 (JAK2); anti-JAK2 antibody

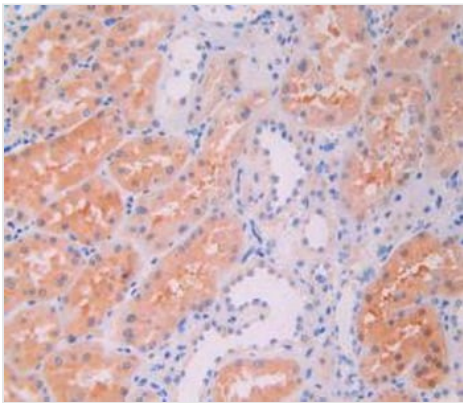
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against JAK2. It has been selected for its ability to recognize JAK2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	0.27mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-NLLVFRTN GVSDVPTSPT LQRPTHMNQM VFHKIRNEDL IFNESLGQGT FTKIFKGVRR EVGDYQGLHE TEVLLKVLDK AHRNYESFF EAASMMSKLS HKHLVLNYGV CVCGDENILV QEFVKFGSLD TYLKKNKNCCI NILWKLEVAK QLAWAMHFLE ENTLIHGNVC AKNILLIREE DRKTGNPPFI KLSDPGISIT VLPKDILQER IPWVPPECIE NPKNLNLATD KWSFGTTLWE ICSGGDKPLS ALDSQRKLQF YEDRHQLPAP KWAEELANLIN NCMDYEPDFR PSFRA
Sequence Length	1132
Applicable Applications for anti-JAK2 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant JAK2 (Asn508~Ala800) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.



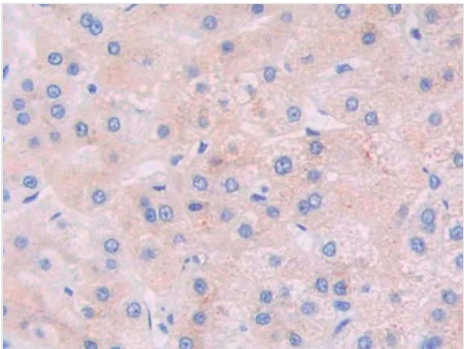
Application Data

Knockout Validation: Lane 1: Wild-type Jurkat cell lysate;;Lane 2: JAK2 knockout Jurkat cell lysate;;Predicted MW: 130kDa ;Observed MW: 130kDa;Primary Ab: 3ug/ml Rabbit Anti-Human JAK2 Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;



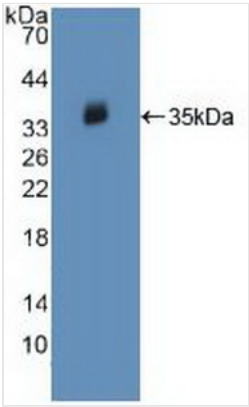
IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Human Kidney Tissue



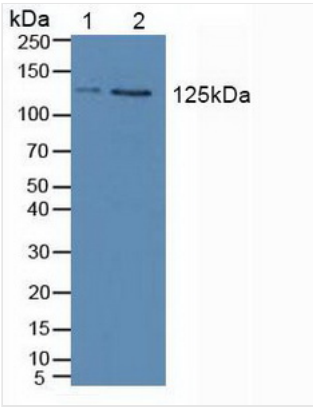
IHC (Immunohistochemisry)

DAB staining on IHC-P; Samples: Human Liver Cancer Tissue.



WB (Western Blot)

Western Blot: Sample: Recombinant JAK2, Human.



WB (Western Blot)

Western Blot: Lane1: Human Lung Tissue; Lane2: Human Jurkat Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-JAK2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1015809690
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/janus-kinase-2-jak2-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/132474>