

Product datasheet for **TA397516**

JAK2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	WB: 1ug/ml IHC: User Optimized ELISA: 1: 10,000
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	JAK II affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a region near the pY372 region of human JAK II.
Specificity:	Anti-JAK II was affinity purified from monospecific antiserum by immunoaffinity chromatography. A BLAST analysis was used to suggest cross-reactivity with human, orangutan, rat, and pig based on 100% sequence homology. Cross-reactivity with JAK II from other sources has not been determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.12mg/mL - lot specific
Conjugation:	Unconjugated
Storage:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	O60674
Background:	Janus Kinase 2 (JAK2) antibody is essential for signaling thorough a variety of cytokine receptors. Phosphorylation of JAK is essential for downstream signaling. JAK kinases are known to phosphorylate several substrate including members of the STAT family of proteins. Anti-JAK II antibody is ideal for researchers investigating Cancer, Signal Transduction, Epigenetics and Nuclear Signaling, and Cell Biology research.



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Synonyms: rabbit anti-JAK2 pY972 antibody, JAK 2, JAK-2, Tyrosine-protein kinase JAK2, Janus kinase 2

Note: Anti-JAK2 antibody is useful for ELISA, immunohistochemistry, and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~130kDa corresponding to the appropriate cell lysate or extract.