

## Datasheet

### JAK2 polyclonal antibody

**Catalog Number:** PAB7655

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of JAK2.

**Immunogen:** A synthetic peptide corresponding to residues surrounding Y1007 of human JAK2.

**Host:** Rabbit

**Theoretical MW (kDa):** 125

**Reactivity:** Human, Mouse, Rat

**Applications:** WB-Ti

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Immunoaffinity purification

**Concentration:** 1 mg/mL

**Recommend Usage:** Western Blot (1:500-1:1000)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (without  $Mg^{2+}$  and  $Ca^{2+}$ ), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

**Storage Instruction:** Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3717

**Gene Symbol:** JAK2

**Gene Alias:** JTK10

**Gene Summary:** This gene product is a protein tyrosine kinase involved in a specific subset of cytokine receptor signaling pathways. It has been found to be

constitutively associated with the prolactin receptor and is required for responses to gamma interferon. Mice that do not express an active protein for this gene exhibit embryonic lethality associated with the absence of definitive erythropoiesis. [provided by RefSeq]