

## Product datasheet for **TA377649**

### JAK2 Rabbit Polyclonal Antibody

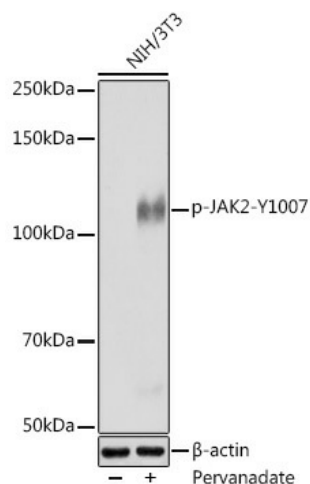
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:200 - 1:2000
Reactivity:	Human, Mouse
Modifications:	Phospho Y1007
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A phospho specific peptide corresponding to residues surrounding Y1007 of human Phospho-JAK2-Y1007
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	130kDa
Gene Name:	Janus kinase 2
Database Link:	<a href="#">Entrez Gene 3717 Human O60674</a>
Background:	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.
Synonyms:	JAK-2; JTK10



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## Product images:



Western blot analysis of extracts of NIH/3T3 cells, using Phospho-JAK2-Y1007 antibody (TA377649) at 1:1000 dilution. NIH/3T3 cells were treated by Pervanadate (1 nM) at 37°C for 30 minutes after serum-starvation overnight. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 10s.