

## Product datasheet for **TA322690**

### JAK2 Rabbit Polyclonal Antibody

#### Product data:

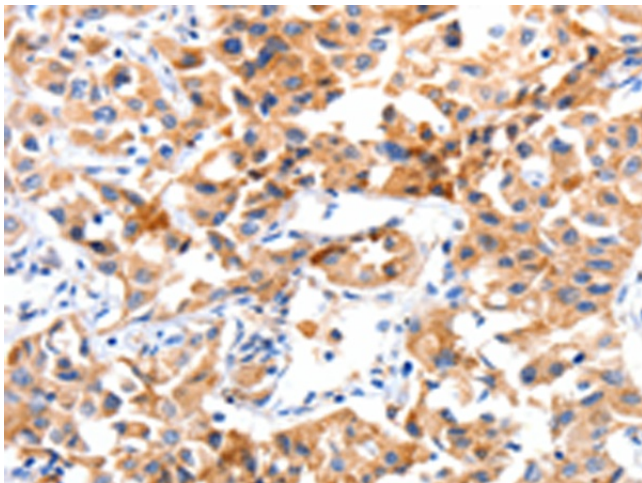
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 10-50 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide peptide corresponding to a region derived from 1118-1132 amino acids of human Janus kinase 2
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Janus kinase 2
Database Link:	<a href="#">NP_004963</a> <a href="#">Entrez Gene 24514 Rat</a> <a href="#">Entrez Gene 3717 Human</a> <a href="#">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:	JTK10; THCYT3
Protein Families:	Druggable Genome, Protein Kinase



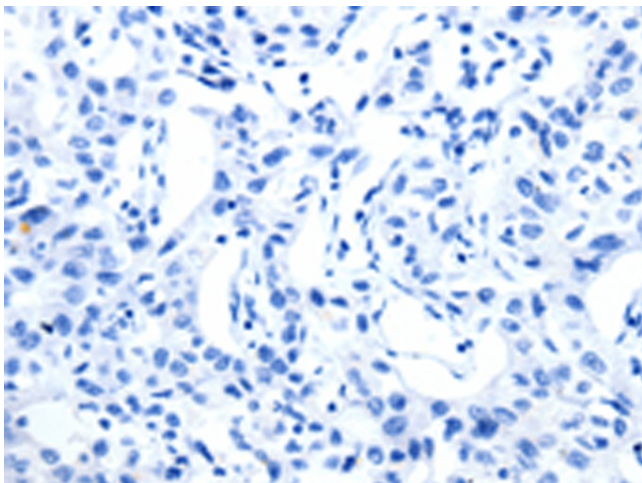
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Protein Pathways: Adipocytokine signaling pathway, Chemokine signaling pathway, Jak-STAT signaling pathway

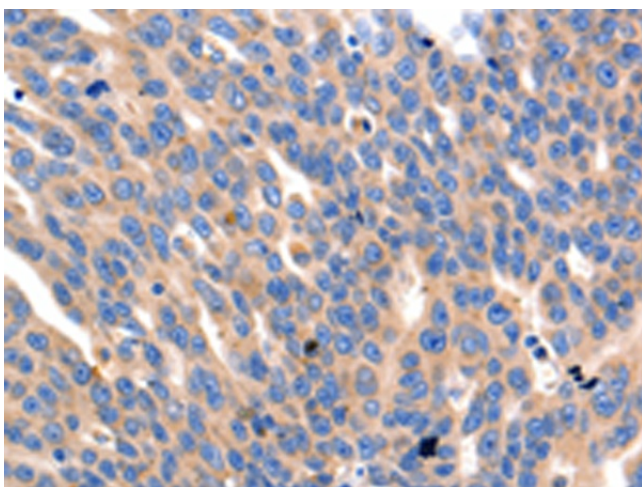
### Product images:



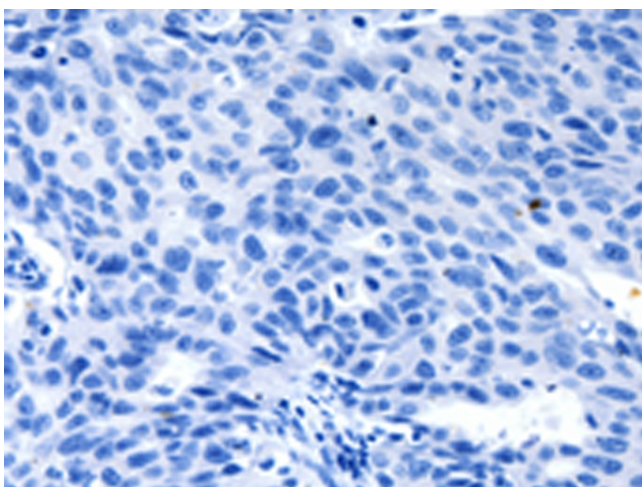
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA322690 (JAK2 Antibody) at dilution 1/10 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA322690 (JAK2 Antibody) at dilution 1/10, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA322690 (JAK2 Antibody) at dilution 1/10 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA322690 (JAK2 Antibody) at dilution 1/10, treated with synthetic peptide. (Original magnification: ×200)