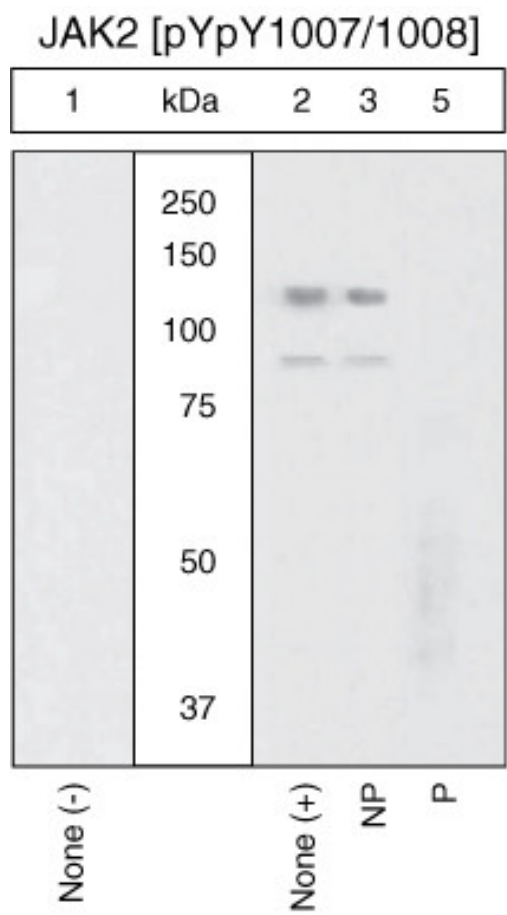


# Phospho-JAK2 (Tyr1007, Tyr1008) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Rat, Non-human primate, Hamster, Mouse, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from a region of mouse JAK2 that contains tyrosines 1007 and 1008.
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	Dulbecco's PBS, pH 7.3, with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20°C
RRID	AB_2533649

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	24 Publications
Immunocytochemistry (ICC/IF)	-	1 Publication
Immunoprecipitation (IP)	-	1 Publication
Miscellaneous PubMed (Misc)	-	1 Publication

Product Images For Phospho-JAK2 (Tyr1007, Tyr1008) Polyclonal Antibody



**Phospho-JAK2 (Tyr1007, Tyr1008) Antibody (44-426G) in WB**  
Western blot was performed using Phospho-JAK2 (Tyr1007, Tyr1008) (Product # 44-426G) and ~130 kDa band corresponding to JAK2 (Tyr1007, Tyr1008) was observed. Whole cell extracts of 3T3-L1 lysate (Lane 1), 3T3-L1 treated with 50 ng/mL of Leukemia Inhibitory Factor (LIF) for 15 min (lane 2), Antibody treated with non-phospho peptide (Lane 3) and Antibody treated with phospho peptide (Lane 4) were electrophoresed using Novex® NuPAGE® Bis-Tris gel. Resolved proteins were then transferred onto a nitrocellulose membrane by iBlot® 2 Dry Blotting System (Product # IB21001). The blots were probed with the primary antibody (1:1000 dilution) and detected with Goat Anti-Rabbit IgG Secondary Antibody, HRP conjugate (Product # G-21234, 1:5000 dilution). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

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Western Blot (24)

<p>Neural regeneration research</p> <p><b>Krüppel-like factor 7 attenuates hippocampal neuronal injury after traumatic brain injury.</b></p> <p>"Published figure using Phospho-JAK2 (Tyr1007, Tyr1008) polyclonal antibody (Product # 44-426G) in Western Blot"</p> <p>Authors: Li WY,Fu XM,Wang ZD,Li ZG,Ma D,Sun P,Liu GB,Zhu XF,Wang Y</p>	<p>Year</p> <p>2022</p>
<p>Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association</p> <p><b>Chronic exposure to methylmercury enhances the anorexigenic effects of leptin in C57BL/6J male mice.</b></p> <p>"44-426G was used in Western Blot to show that MeHg exposure was associated with changes in leptin induced activation of Janus kinase 2 (JAK2)/signal transducer and activator of transcription 3 (STAT3) signaling pathway in the hypothalamus."</p> <p>Authors: Ferrer B,Prince LM,Tinkov AA,Santamaria A,Farina M,Rocha JB,Bowman AB,Aschner M</p>	<p>Year</p> <p>2021</p> <p>Species</p> <p>Mouse</p>

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Immunocytochemistry (1)

<p>Molecular and cellular biology</p> <p><b>JAK2 tyrosine kinase phosphorylates and is negatively regulated by centrosomal protein Ninein.</b></p> <p>"Published figure using Phospho-JAK2 (Tyr1007, Tyr1008) polyclonal antibody (Product # 44-426G) in Immunofluorescence"</p> <p>Authors: Jay J,Hammer A,Nestor-Kalinoski A,Diakonova M</p>	<p>Year</p> <p>2015</p> <p>Species</p> <p>Human</p>
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Immunoprecipitation (1)

<p>The Journal of biological chemistry</p> <p><b>Hyperglycemia enhances angiotensin II-induced janus-activated kinase /STAT signaling in vascular smooth muscle cells.</b></p> <p>Authors: Amiri F,Venema VJ,Wang X,Ju H,Venema RC,Marrero MB</p>	<p>Year</p> <p>1999</p> <p>Species</p> <p>Rat</p>
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More applications with references on thermofisher.com

Misc (1)

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