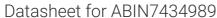
# antibodies .- online.com







## anti-JAK1 antibody (AA 596-841)





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Quantity:	100 μL
Target:	JAK1
Binding Specificity:	AA 596-841
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JAK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### **Product Details**

Purpose:	Polyclonal Antibody to Janus Kinase 1 (JAK1)
Immunogen:	Recombinant Janus Kinase 1 (JAK1) corresdonding to His596~Ile841 (Accession # P23458)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against JAK1. It has been selected for its ability to recognize JAK1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Target Details	
Target:	JAK1

### Target Details

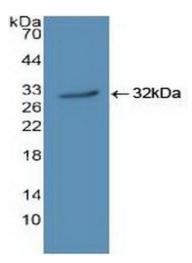
Alternative Name:	Janus Kinase 1 (JAK1 Products)
Background:	JAK1A, JAK1B, JTK3, Tyrosine-protein kinase JAK1
Pathways:	JAK-STAT Signaling, RTK Signaling, Interferon-gamma Pathway, Hepatitis C, Toll-Like Receptors Cascades, Unfolded Protein Response

## **Application Details**

Application Notes:	Western blotting: 0.5-2 µg/mL
	1:280-1100 Immunohistochemistry: 5-20 μg/mL
	1:28-110 Immunocytochemistry: 5-20 µg/mL
	1:28-110 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

### Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### **Western Blotting**

**Image 1.** Detection of Recombinant JAK1, Human using Polyclonal Antibody to Janus Kinase 1 (JAK1)