

Datasheet for ABIN1532701
anti-JAK3 antibody (AA 751-800)

3 Images

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Overview

Quantity:	100 µg
Target:	JAK3
Binding Specificity:	AA 751-800
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JAK3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human JAK3.
Isotype:	IgG
Specificity:	JAK3 Antibody detects endogenous levels of total JAK3 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	JAK3
Alternative Name:	JAK3 (JAK3 Products)
Background:	Synonyms: JAK-3, JAK3, Janus kinase 3, L-JAK, Leukocyte janus kinase, kinase Jak3

Target Details

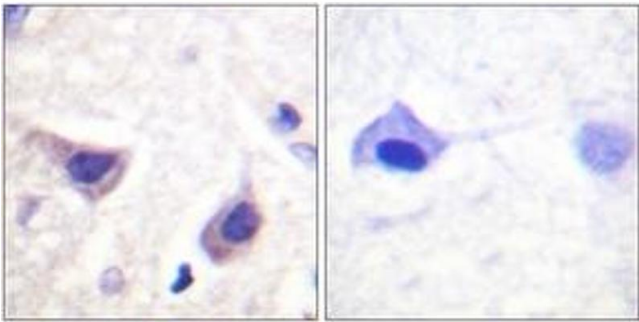
	NCBI Gene Symbol: JAK3
Molecular Weight:	125 kDa
Gene ID:	3718
OMIM:	600173
UniProt:	P52333
Pathways:	JAK-STAT Signaling , RTK Signaling , Response to Growth Hormone Stimulus , Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response , Protein targeting to Nucleus , Activated T Cell Proliferation , Unfolded Protein Response

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.515247 (NCBI Gene Symbol: JAK3)
Restrictions:	For Research Use only

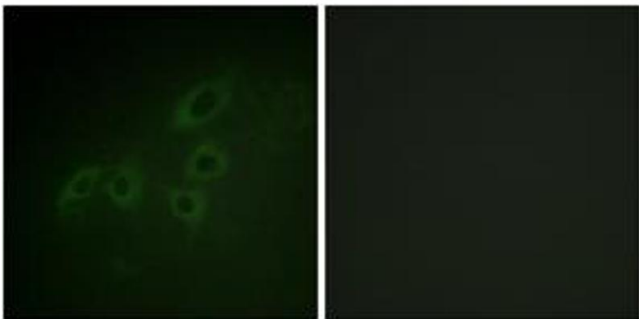
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



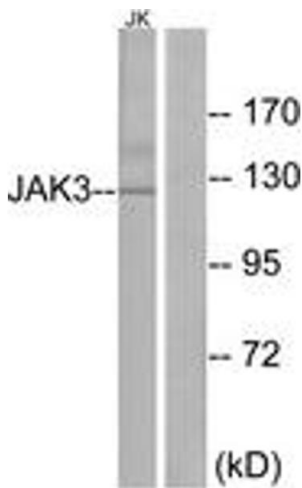
Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using JAK3 (Ab-785) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of A549 cells, using JAK3 (Ab-785) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 3. Western blot analysis of extracts from Jurkat cells, using JAK3 (Ab-785) Antibody. The lane on the right is treated with the synthesized peptide.