

Datasheet for ABIN1533664
anti-JAK1 antibody (AA 91-140)



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2 Images

Overview

Quantity:	100 µL
Target:	JAK1
Binding Specificity:	AA 91-140
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JAK1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human JAK1.
Isotype:	IgG
Specificity:	JAK1 Antibody detects endogenous levels of total JAK1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	JAK1
Alternative Name:	JAK1 (JAK1 Products)
Background:	Synonyms: JAK-1, JAK1, JAK1A, Janus kinase 1, kinase Jak1

Target Details

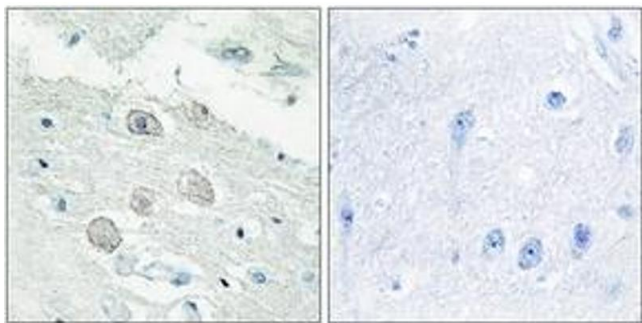
	NCBI Gene Symbol: JAK1
Molecular Weight:	131 kDa
Gene ID:	3716
OMIM:	147795
UniProt:	P23458
Pathways:	JAK-STAT Signaling , RTK Signaling , Interferon-gamma Pathway , Hepatitis C , Toll-Like Receptors Cascades , Unfolded Protein Response

Application Details

Application Notes:	IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:10000
Comment:	Unigene-Number: Hs.207538 (NCBI Gene Symbol: JAK1)
Restrictions:	For Research Use only

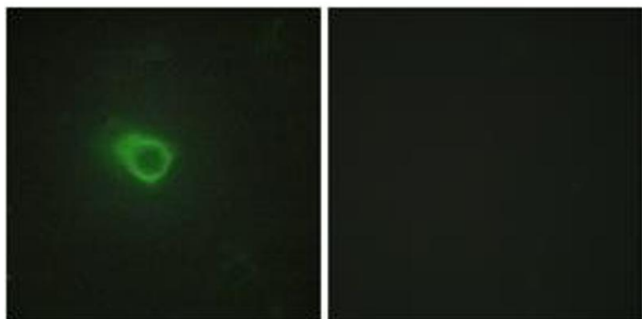
Handling

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 JAK1 Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells, using JAK1 Antibody. The picture on the right is treated with the synthesized peptide.