

Datasheet for ABIN6976884

## anti-C-JUN antibody (AA 231-331) (AbBy Fluor® 350)



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### Overview

Quantity:	100 µL
Target:	C-JUN (JUN)
Binding Specificity:	AA 231-331
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C-JUN antibody is conjugated to AbBy Fluor® 350
Application:	Flow Cytometry (FACS)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C-jun
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	C-JUN (JUN)
Alternative Name:	C-jun ( <a href="#">JUN Products</a> )
Background:	Synonyms: Transcription factor AP-1, Jun oncogene, JUN, AP 1, AP1, AP-1, Enhancer Binding

## Target Details

Protein AP1, Jun Activation Domain Binding Protein, JUN protein, JUNC, p39, Proto oncogene cJun, Transcription Factor AP1, V jun avian sarcoma virus 17 oncogene homolog, vJun Avian Sarcoma Virus 17 Oncogene Homolog, JUN\_HUMAN, Activator 1, Proto-oncogene c-Jun, V-jun avian sarcoma virus 17 oncogene homolog.

Background: The human protooncogene JUN is the putative transforming gene of avian sarcoma virus 17, and it encodes a protein which is highly homologous to the viral protein. cJun (previously known as the Fos binding protein p39) and c Fos form a complex in the nucleus. AP 1 (activating protein 1) is a collective term referring to these dimeric transcription factors composed of Jun, Fos or ATF subunits that bind to a common DNA site, the AP1 binding site. AP 1 proteins, mostly the Jun group, regulate the expression and function of cell cycle regulators such as Cyclin D1, p53, p21 (cip1/waf1), p19 (ARF) and p16. Fos and Jun proto oncogene expression is induced transiently by a variety of extracellular stimuli associated with mitogenesis, differentiation processes or depolarization of neurons. JUN has been mapped to 1p32 to p31, a chromosomal region involved in both translocations and deletions in human malignancies.

Gene ID: 3725

UniProt: [P05412](#)

Pathways: [MAPK Signaling](#), [RTK Signaling](#), [WNT Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Activation of Innate immune Response](#), [Myometrial Relaxation and Contraction](#), [Skeletal Muscle Fiber Development](#), [Protein targeting to Nucleus](#), [Toll-Like Receptors Cascades](#), [Autophagy](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [BCR Signaling](#), [S100 Proteins](#)

## Application Details

Application Notes: FCM 1:20-100

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months