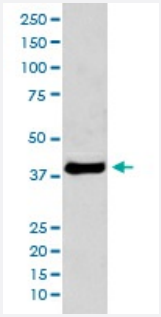
# JUN monoclonal antibody, clone CAO-10

Catalog # MAB19898 Size 100 uL

## Applications




### Western Blot (Cell lysate)

Western blot analysis of NIH/3T3 cell lysates with JUN monoclonal antibody.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit monoclonal antibody raised against synthetic peptide of human JUN. |
| **Immunogen** | A synthetic peptide corresponding to human JUN. |
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunocytochemistry (1:50-1:200)<br>Immunofluorescence (1:50-1:200)<br>Immunohistochemistry (1:50-1:200)<br>Immunoprecipitation (1:50)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |

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| | |
|---|---|
| **Storage Instruction** | Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence
- Immunocytochemistry
- Immunoprecipitation
- Western Blot (Cell lysate)

  Western blot analysis of NIH/3T3 cell lysates with JUN monoclonal antibody.

## Gene Info — JUN

| | |
|---|---|
| **Entrez GeneID** | 3725 |
| **Protein Accession#** | P05412 |
| **Gene Name** | JUN |
| **Gene Alias** | AP-1, AP1, c-Jun |
| **Gene Description** | jun oncogene |
| **Omim ID** | 165160 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequence s to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosom al region involved in both translocations and deletions in human malignancies. [provided by RefSe q |
| **Other Designations** | Jun activation domain binding protein\|OTTHUMP00000010036\|activator protein 1\|enhancer-bindi ng protein AP1\|v-jun avian sarcoma virus 17 oncogene homolog\|v-jun sarcoma virus 17 oncogene homolog |

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## Pathway

- B cell receptor signaling pathway
- Colorectal cancer
- Epithelial cell signaling in Helicobacter pylori infection
- ErbB signaling pathway
- Focal adhesion
- GnRH signaling pathway
- MAPK signaling pathway
- Neurotrophin signaling pathway
- Pathways in cancer
- Renal cell carcinoma
- T cell receptor signaling pathway
- Toll-like receptor signaling pathway
- Wnt signaling pathway

## Disease

- Arthritis
- Asthma
- Breast cancer
- Breast Neoplasms
- Bronchiolitis
- Campylobacter Infections
- Cardiovascular Diseases
- Chronic Disease
- Crohn Disease

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- Diabetes Mellitus
- Disease Models
- Edema
- Genetic Predisposition to Disease
- Infant
- Kidney Failure
- Ovarian Neoplasms
- Respiratory Syncytial Virus Infections
- Salmonella Infections

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