

## c-Fos Polyclonal Antibody

**Catalog No.** E-AB-30901

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

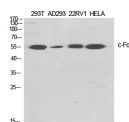
### Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthesized peptide derived from human c-Fos around the non-phosphorylation site of Ser374.
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

### Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:100-1:300
<b>IF</b>	1:50-1:200
<b>ELISA</b>	1:5000

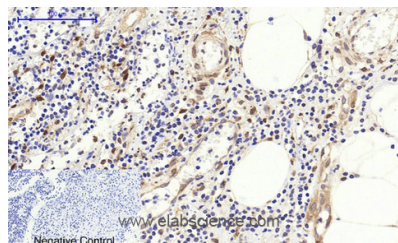
### Data



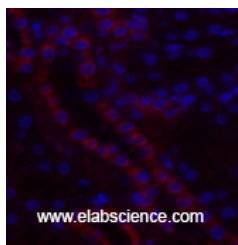
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Western Blot analysis of various cells using c-Fos Polyclonal Antibody at dilution of 1:2000.

**Observed Mw:58kDa**  
**Calculated Mw:41kDa**



Immunohistochemistry of paraffin-embedded Human appendix tissue using c-Fos Polyclonal Antibody at dilution of 1:200.



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Immunofluorescence analysis of Mouse kidney tissue using c-Fos Polyclonal Antibody at dilution of 1:200.

### For Research Use Only

## Preparation & Storage

**Storage**                      Store at -20°C. Avoid freeze / thaw cycles.

## Background

Nuclear phosphoprotein which forms a tight but non-covalently linked complex with the JUN/AP-1 transcription factor. In the heterodimer, FOS and JUN/AP-1 basic regions each seems to interact with symmetrical DNA half sites. On TGF-beta activation, forms a multimeric SMAD3/SMAD4/JUN/FOS complex at the AP1/SMAD-binding site to regulate TGF-beta-mediated signaling. Has a critical function in regulating the development of cells destined to form and maintain the skeleton. It is thought to have an important role in signal transduction, cell proliferation and differentiation.

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