

## Anti-c-Fos Rabbit pAb



WL03699

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-c-Fos Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:500-1:1000
<b>Pack size</b>	50/100/200/500/1000μl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

## Background

In the fields of molecular biology and genetics, c-Fos is a proto-oncogene that is the human homolog of the retroviral oncogene v-fos. Fos proteins dimerize with Jun proteins (c-Jun, JunB, and JunD) to form Activator Protein-1 (AP-1), a transcription factor that binds to TRE/AP-1 elements and activates transcription. c-fos plays an important role in many cellular functions and has been found to be overexpressed in a variety of cancers. Expression of c-fos is an indirect marker of neuronal activity because c-fos is often expressed when neurons fire action potentials. Upregulation of c-fos mRNA in a neuron indicates recent activity.

## Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of c-Fos.

## Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

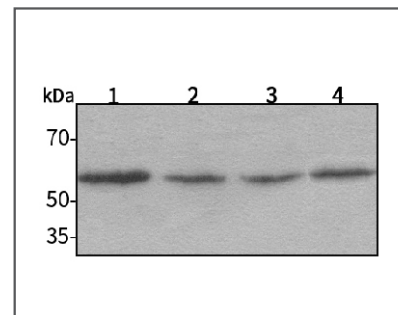
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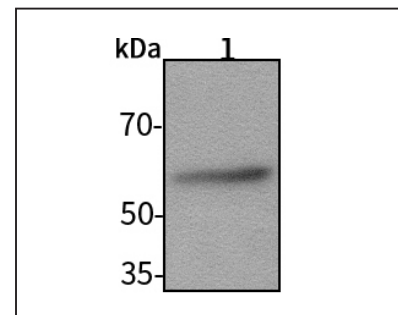
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## Product Images



## Western blot-Anti-c-Fos pAb

Lane 1: Human Hela cell lysate  
 Lane 2: Human MCF-7 cell lysate  
 Lane 3: Human HEK-293 cell lysate  
 Lane 4: Human SW480 cell lysate  
 All lanes: Anti-c-Fos at 1:1000 dilution  
 Lysates/proteins at 20-50 μg per lane.  
 Predicted band size: 41 kDa  
 Observed band size: 41-60 kDa



## Western blot-Anti-c-Fos pAb

Lane 1: Mouse liver tissue lysate  
 All lanes: Anti-c-Fos at 1:1000 dilution  
 Lysates/proteins at 20-50 μg per lane.  
 Predicted band size: 41 kDa  
 Observed band size: 41-60 kDa