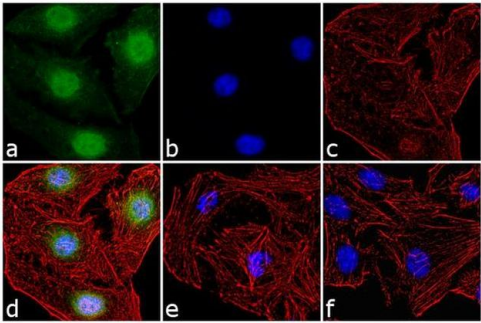


# Phospho-c-Fos (Thr325) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of human c-Fos that contains threonine 325. The sequence is conserved in human, mouse and rat.
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	Dulbecco's PBS, pH 7.3, with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20°C
RRID	AB_2533622

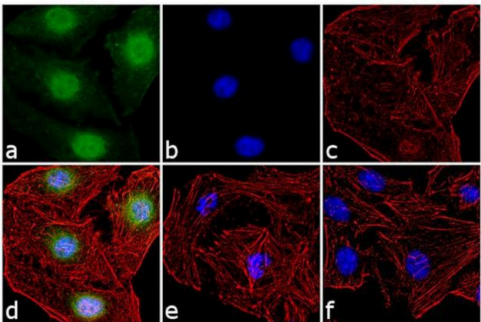
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	1 Publication
Immunocytochemistry (ICC/IF)	1:250	-
ChIP assay (ChIP)	1-3 µg x 10^6 cells	-

Product Images For Phospho-c-Fos (Thr325) Polyclonal Antibody



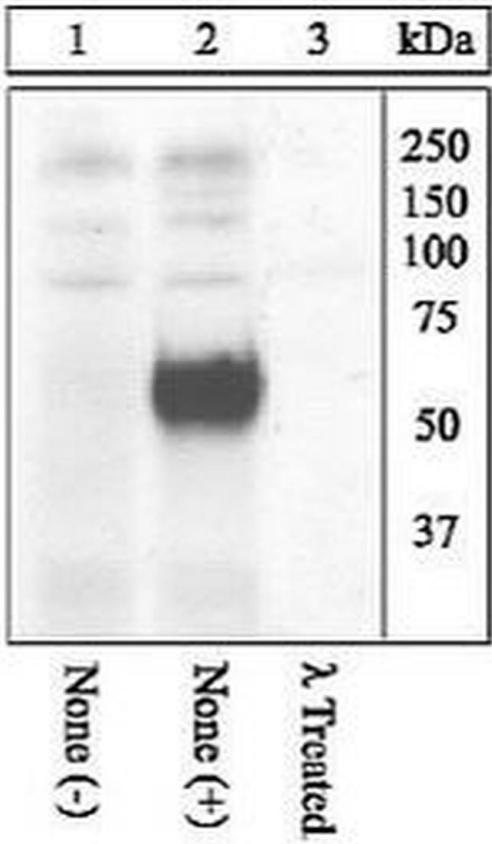
Phospho-c-Fos (Thr325) Antibody (44-281G)

Modulation of expression of target protein by cell treatment demonstrates antibody specificity. Immunofluorescence analysis of Phospho-c-Fos (Thr325) using Phospho-c-Fos (Thr325) Rabbit Polyclonal Antibody (Product # 44-281G) shows nuclear localization of Phospho-c-Fos (Thr325) in HeLa cell line upon treatment with PMA. {TM}



Phospho-c-Fos (Thr325) Antibody (44-281G) in ICC/IF

Immunofluorescence analysis of Phospho-c-Fos pThr325 was done on 70% confluent log phase HeLa cell treated with 200 nM of PMA for 20 minutes. The cell were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with Phospho-c-Fos pThr325 Rabbit Polyclonal Antibody (Product # 44-281G) at 1:250 dilution in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d is a merged image showing nuclear and cytoplasmic localization. Panel e is untreated cell with no signal. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



Phospho-c-Fos (Thr325) Antibody (44-281G)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot analysis of Phospho-c-Fos (Thr325) using Phospho-c-Fos (Thr325) Rabbit Polyclonal Antibody (Product # 44-281G) shows induction of phosphorylation of c-Fos in A-431 cell line upon treatment with EGF. {TM}

View more figures on [thermofisher.cn](https://thermofisher.cn)

## Western Blot (1)

FASEB journal : official publication of the Federation of American Societies for Experimental Biology

### Effects of ATP-competitive and function-selective ERK inhibitors on airway smooth muscle cell proliferation.

"44-281G was used in Western Blot to provide a molecular basis for the development of function-selective ERK1/2 inhibitors to mitigate airway remodeling in asthma with defined regulation of ERK1/2 signaling."

Authors: Defnet AE,Huang W,Polischak S,Yadav SK,Kane MA,Shapiro P,Deshpande DA

Year  
2019

Species  
Human

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