

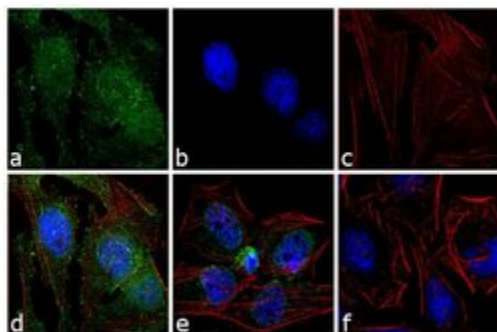
Phospho-c-Abl (Tyr245) Polyclonal Antibody

Product Details

Size	100 µL
Species Reactivity	Human
Published Species	All, Tag
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	synthesized phosphopeptide derived from a region of human c-Abl that contains tyrosine 245
Form	Liquid
Purification	purified
Storage buffer	Dulbecco's PBS, pH 7.3, with 1mg/mL BSA
Contains	0.05% sodium azide
Storage Conditions	-20°C
RRID	AB_2533616

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:250	-
Immunofluorescence (IF)	1:250	-
Western Blot (WB)	1:1000	1 Publication

Advanced Verification Data



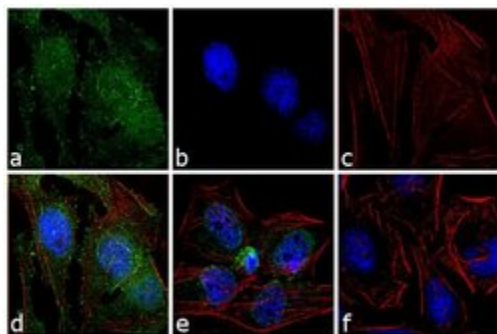
Phospho-c-Abl (Tyr245) Antibody (44-250)

Detection of altered subcellular localization of the target protein by cell treatment demonstrates antibody specificity. Immunofluorescence analysis of Phospho-c-Abl (Tyr245) using Phospho-c-Abl (Tyr245) polyclonal antibody (Product # 44-250), shows change in localization of Phospho-c-Abl (Tyr245) from nuclear to both nuclear and cytoplasmic in HeLa cells upon treatment with curcumin. Cell treatment validation info.

Product Images For Phospho-c-Abl (Tyr245) Polyclonal Antibody

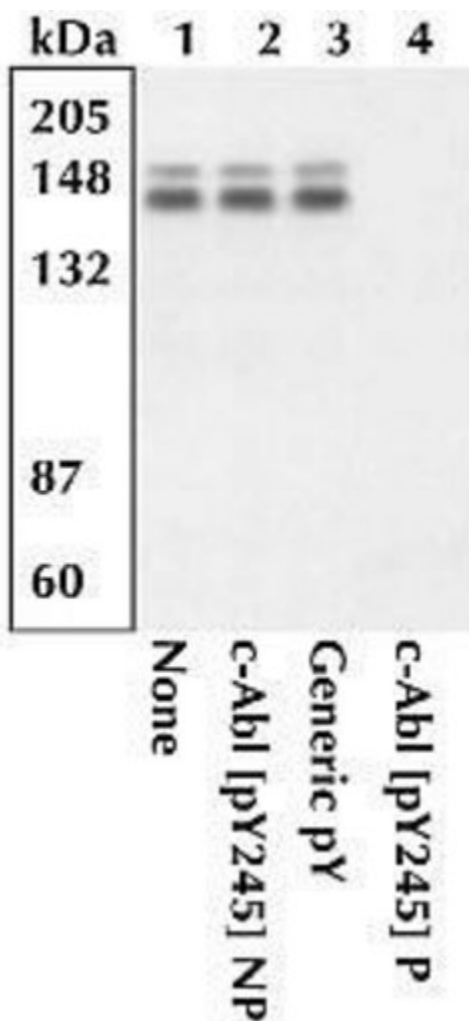
Phospho-c-Abl (Tyr245) Antibody (44-250) in IF

Immunofluorescence analysis of Phospho-c-Abl (Tyr245) Polyclonal Antibody was performed using 70% confluent log phase HeLa cells treated with 4 micromolar Curcumin for 4h. The cells 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-Abl (Tyr245) Rabbit Polyclonal Antibody (Product # 44-250) at 1:250 dilution in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Rabbit IgG (H+L) 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 represents the merged image showing nuclear and cytoplasmic localization. Panel e shows the untreated cells with nuclear localization. Panel e shows the no primary antibody control. The images were captured at 60X magnification.



Phospho-c-Abl (Tyr245) Antibody (44-250) in WB

Peptide Competition: Fibroblasts transfected with oncogenic DSH3-Abl were incubated with 0.50 µg/mL c-Abl (pY245) antibody, following prior incubation with: no peptide (1), the non-phosphopeptide corresponding to the immunogen (2), a generic phospho



Western Blot (1)

The Journal of biological chemistry

Src family kinases phosphorylate the Bcr-Abl SH3-SH2 region and modulate Bcr-Abl transforming activity.

Authors: Meyn MA, Wilson MB, Abdi FA, Fahey N, Schiavone AP, Wu J, Hochrein JM, Engen JR, Smithgall TE

Species

All
Tag

Dilution

Not Cited
Not Cited

Year

2006

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