

# SRC2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 1048 and 1321 of Human NCOA2
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2546958

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-

## Product Specific Information

Recommended positive controls: HeLa Nucleus.

Predicted reactivity: Mouse (89%), Rat (93%), Pig (95%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For SRC2 Polyclonal Antibody

SRC2 Antibody (PA5-29482) in ICC/IF

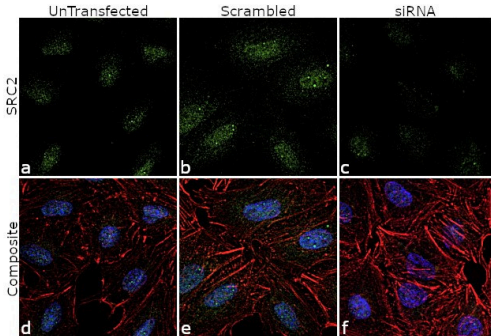
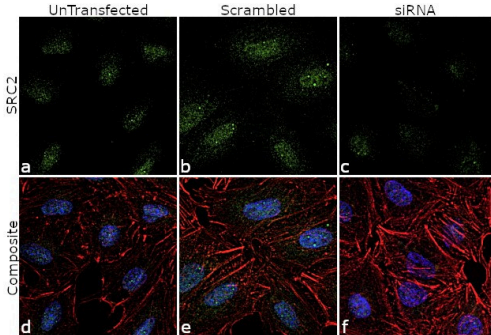
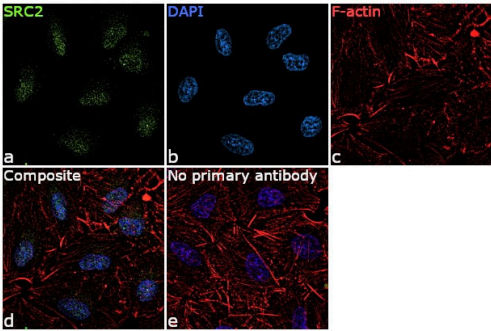
Immunofluorescence analysis of SRC2 was performed using 70% confluent log phase A549 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with SRC2 Polyclonal Antibody (Product # PA5-29482) at 5 µg/mL concentration in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing nuclear localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

SRC2 Antibody (PA5-29482)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. A549 cells were transfected with SRC2 specific siRNAs and reduction of specific signal was observed in immunofluorescence application using SRC2 Polyclonal Antibody (Product # PA5-29482). {KD}

SRC2 Antibody (PA5-29482) in ICC/IF

Knockdown of SCR2 was achieved by transfecting A549 cells with SRC2 specific siRNA (Silencer® select Product # s20581, s20582). Immunofluorescence analysis was performed on A549 cells (untransfected, panel a,d), transfected with non-specific scrambled siRNA (panels b,e) and transfected with SRC2 specific siRNA (panel c,f) Cells were fixed, permeabilized, and labelled with SRC2 Polyclonal Antibody (Product # PA5-29482, 5 µg/mL), followed by Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034, 1:2000). Nuclei (blue) were stained using ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962), and Rhodamine Phalloidin (Product # R415, 1:300) was used for cytoskeletal F-actin (red) staining. Reduction of specific signal was observed upon siRNA mediated knockdown (panel c,f) confirming specificity of the antibody to SRC2 (green). The images were captured at 60X magnification



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