

# SRC2 Polyclonal Antibody

## Product Details

Size	100 µg
Species Reactivity	Hamster, Human
Published Species	Rat, Non-human primate, Human
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues P(206) L P D S E E E G H D S(217) C of human GRIP1.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 1mg/mL BSA
Contains	0.05% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2112760

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1-2 µg/mL	-
Immunofluorescence (IF)	1-2 µg/mL	-
ChIP assay (ChIP)	-	1 Publication
Western Blot (WB)	-	4 Publications

## Product Specific Information

PA1-846 detects glucocorticoid receptor interacting protein-1 (GRIP1) from hamster and human cells.

PA1-846 has been successfully used in immunocytochemistry, and immunofluorescence procedures. Immunocytochemical staining of GRIP1 in CHO cells with PA1-846 results in cytoplasmic and nuclear staining. This antibody has not been used successfully in Western blot procedures.

PA1-846 immunogen is a synthetic peptide corresponding to residues P(206) L P D S E E E G H D S(217) C of human GRIP1. The PA1-846 immunizing peptide (Cat. # PEP-050) is available for use in neutralization and control experiments.

## Product Images For SRC2 Polyclonal Antibody

### SRC2 Antibody (PA1-846) in IF

Immunofluorescence analysis of GRIP1 was done on 70% confluent log phase PC-3 cells. 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 GRIP1 Rabbit Polyclonal Antibody (Product # PA1-846) at 2 µg/mL 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 Alexa Fluor® 555 Rhodamine Phalloidin (Product # R415, 1:300). Panel d is a merged image showing cytoplasmic localization. Panel e is a no primary antibody control. The images were captured at 60X magnification.

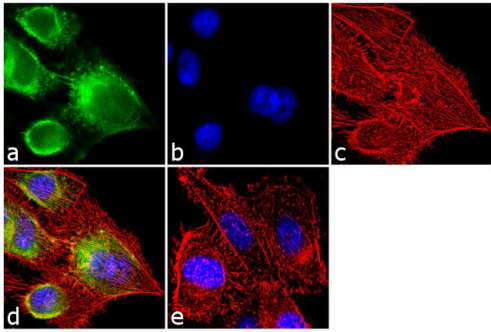
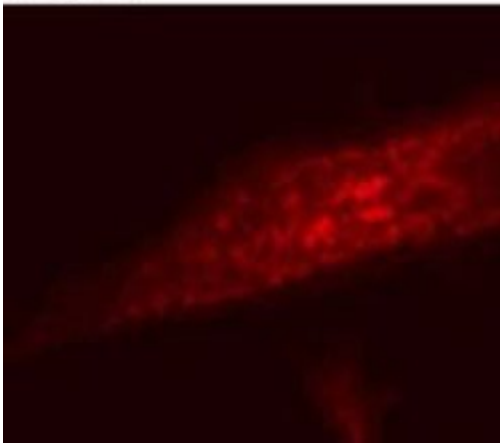


Fig. 1

### SRC2 Antibody (PA1-846) in IF

Immunolocalization of GRIP1 in CHO cells using Product # PA1-846.



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## Western Blot (4)

The Journal of biological chemistry

### Regulation of GRIP1 and CBP Coactivator activity by Rho GDI modulates estrogen receptor transcriptional enhancement.

"PA1-846 was used in western blot to investigate the regulatory mechanism for GRIP1 and CBP coactivator activity."

Authors: Su LF,Wang Z,Garabedian MJ

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2002

The EMBO journal

### Factor recruitment and TIF2/GRIP1 corepressor activity at a collagenase-3 response element that mediates regulation by phorbol esters and hormones.

"PA1-846 was used in immunoprecipitation and western blot to investigate the role of TIF2/GRIP1 and its associated receptor on specific transcriptional regulation"

Authors: Rogatsky I,Zarembler KA,Yamamoto KR

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2001

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## ChIP assay (1)

The EMBO journal

### Factor recruitment and TIF2/GRIP1 corepressor activity at a collagenase-3 response element that mediates regulation by phorbol esters and hormones.

"PA1-846 was used in immunoprecipitation and western blot to investigate the role of TIF2/GRIP1 and its associated receptor on specific transcriptional regulation"

Authors: Rogatsky I,Zarembler KA,Yamamoto KR

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2001

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