

RSK1 Polyclonal Antibody

Product Details

Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 47 and 276 of Human RSK1
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 10% 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_2546691

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:100-1:1000	-
Immunofluorescence (IF)	1:100-1:1000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1000	-
Western Blot (WB)	1:5000-1:20,000	-

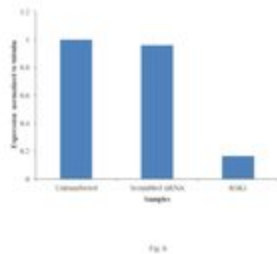
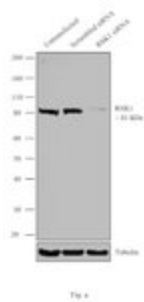
Product Specific Information

Recommended positive controls: A431, HeLa, HepG2, Raji.

Predicted reactivity: Mouse (99%), Rat (99%), Xenopus laevis (97%), Pig (99%), Chicken (98%), Bovine (99%).

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

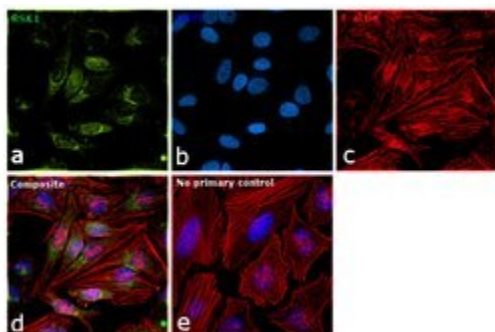
Advanced Verification Data



RSK1 Antibody (PA5-29215)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with RSK1 siRNA and reduction of signal was observed in Western Blot using RSK1 Polyclonal Antibody (Product # PA5-29215). Knockdown validation info.

Product Images For RSK1 Polyclonal Antibody

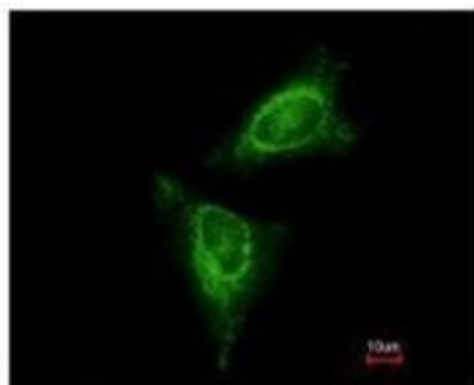


RSK1 Antibody (PA5-29215) in IF

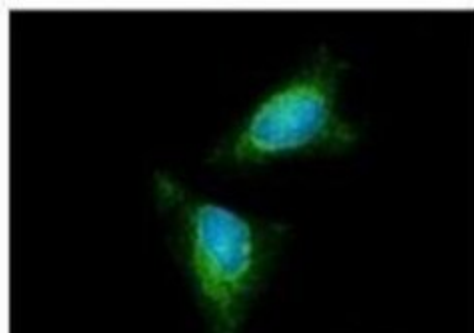
Immunofluorescence analysis of RSK1 was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with RSK1 Rabbit Polyclonal Antibody (Product # PA5-29215) at 1:200 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight 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 ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415). Panel d represents the merged image showing Nuclear as well as Cytoplasmic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

RSK1 Antibody (PA5-29215) in IF

Immunofluorescent analysis of RSK1 in methanol-fixed HeLa cells using a RSK1 polyclonal antibody (Product # PA5-29215) at a 1:200 dilution.



Costained with Hoechst 33342



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