

14-3-3 sigma/Stratifin/YWHAS Antibody, Rabbit PAb, Antigen Affinity Purified

Catalog Number: 10838-T54



Sino Biological
Biological Solution Specialist

GENERAL INFORMATION

Immunogen:	Recombinant Human 14-3-3 sigma/Stratifin/YWHAS Protein (Catalog#10838-HNCE)
Preparation	Produced in rabbits immunized with purified, recombinant Human 14-3-3 sigma/Stratifin/YWHAS (rh 14-3-3 sigma/Stratifin/YWHAS; Catalog#10838-HNCE; NP_006133.1; Met1-Ser248). 14-3-3 sigma/Stratifin/YWHAS specific IgG was purified by Human 14-3-3 sigma/Stratifin/YWHAS affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human 14-3-3 sigma/Stratifin/YWHAS
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

APPLICATIONS

Applications:	WB,ELISA,ICC/IF,IF,IP
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RECOMMENDED CONCENTRATION

ICC/IF	ICC/IF: 1:300-1:10000
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 1-4 µL/mg of lysate
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human 14-3-3 sigma/Stratifin/YWHAS.

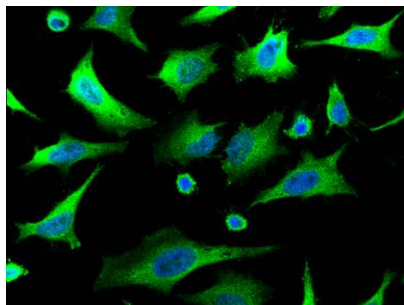
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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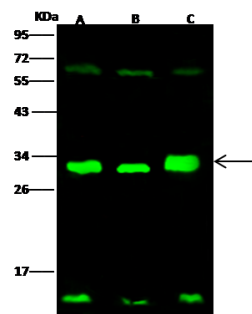
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Immunofluorescence staining of SFN in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human SFN polyclonal antibody (1:1000) at 4°C overnight. Then cells were stained with the Alexa Fluor@488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



Anti-SFN rabbit polyclonal antibody at 1:500 dilution

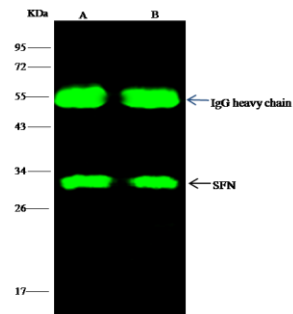
Lane A: HeLa Whole Cell Lysate
Lane B: A549 Whole Cell Lysate
Lane C: PC12 Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary
Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size: 27 kDa
Observed band size: 33 kDa
(We are unsure as to the identity of these extra bands.)



SFN was immunoprecipitated using:
Lane A: 0.5 mg HeLa Whole Cell Lysate
Lane B: 0.5 mg A549 Whole Cell Lysate

2 µL anti-SFN rabbit polyclonal antibody and 15 µL of 50% Protein G agarose.

Primary antibody:
Anti-SFN rabbit polyclonal antibody, at 1:100 dilution

Secondary antibody:
Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 27 kDa
Observed band size: 32 kDa