

## Phospho-SMC1-S957 Antibody

**CABP0090**

### Description

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This Phospho-SMC1-S957 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CABP0090

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** SMC1, SMCB, CDLS2, DEE85, SB1.8, EIEE85, SMC1L1, DXS423E, SMC1alpha, Phospho-SMC1-S957

**Clone:** -

**Applications:**    

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 8243

**Uniprot:** AB\_2771547

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 160kDa

**Calculated MW:** 143kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

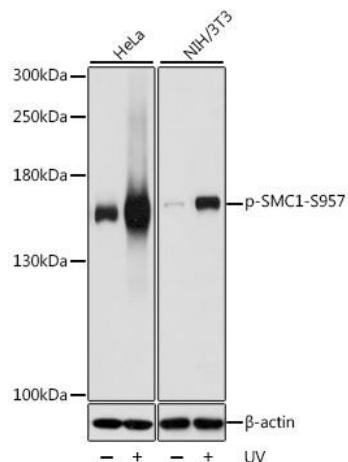
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HeLa treated with UV, NIH/3T3 treated with UV

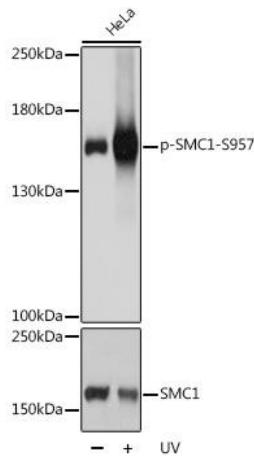
<b>Recommended Dilutions:</b>	<b>WB</b>	1:500 - 1:2000
	<b>IHC-P</b>	1:50 - 1:200
	<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

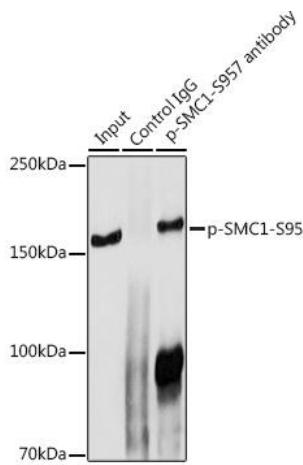
## Validation Data



Western blot analysis of various lysates, using Phospho- - Rabbit pAb (CABP0090) at 1:1000 dilution. HeLa and NIH/3T3 cells were treated with UV at room temperature for 15-30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3s.



Western blot analysis of lysates from HeLa cells, using Phospho-- Rabbit pAb (CAB7008). HeLa cells were treated with UV at room temperature for 15-30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3s.



Immunoprecipitation analysis of 300  $\mu$ g extracts of HeLa cells using 3  $\mu$ g Phospho-- antibody (CABP0090). Western blot was performed from the immunoprecipitate using Phospho-- antibody (CABP0090) at a dilution of 1:1000.