

Phospho-SMC1-S957 Antibody

CABP0090

Description

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

SKU:	CABP0090
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	SMC1, SMCB, CDLS2, DEE85, SB1.8, EIEE85, SMC1L1, DXS423E, SMC1alpha, Phospho-SMC1-S957
Clone:	-
Applications:	WB IHC-P IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

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.

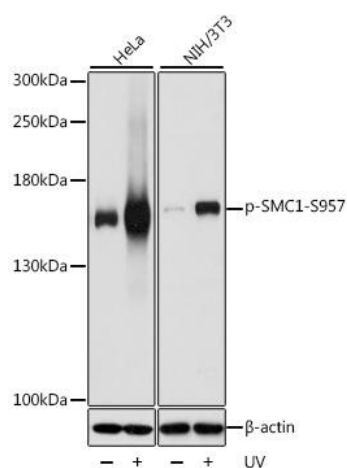
Positive Sample: HeLa treated with UV, NIH/3T3 treated with UV

Recommended Dilutions:

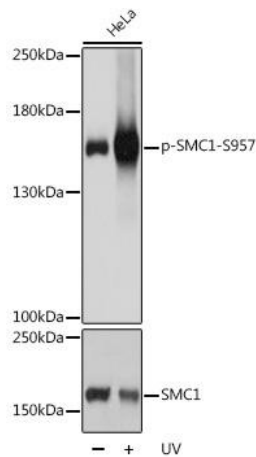
WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

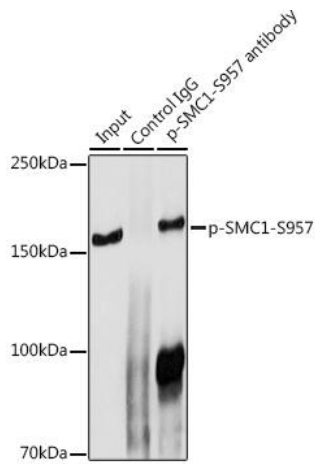
Validation Data



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: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3s.



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