

SMC3 Antibody

CAB18402

Description

This SMC3 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: CAB18402

Contents: 20 μ L, 100 μ L
Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: BAM, BMH, HCAP, CDLS3, CSPG6, SMC3L1, SMC3

Clone: -

Applications:   

Conjugation: -

Reactivity: Human, Mouse

Antibody Data

Gene ID: 9126

Uniprot: AB_2862169

Host Species: Rabbit

Purification: Affinity purification

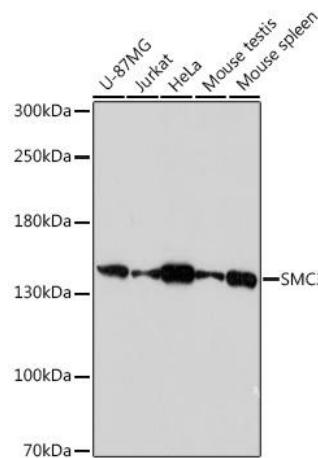
Observed MW: 142kDa

Calculated MW: 142kDa

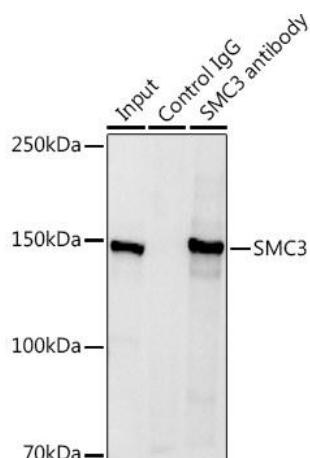
Preparation & Storage

Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3. Store Bradford Reagent at Room Temperature for 1 Year.						
Positive Sample:	U-87MG, Jurkat, HeLa, Mouse testis, Mouse spleen						
Recommended Dilutions:	<table border="1"> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> <tr> <td>IP</td><td>0.5µg-4µg antibody for 400µg-600µg extracts of whole cells</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	WB	1:500 - 1:2000	IP	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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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 Rabbit pAb (CAB18402) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Immunoprecipitation analysis of 600 µg extracts of Mouse spleen using 3 µg antibody (CAB18402). Western blot was performed from the immunoprecipitate using antibody (CAB18402) at a dilution of 1:1000.