

SMC5 Rabbit pAb

Catalog NO.: A2301 **1 Publications**

Basic Information

Observed MW

132kDa

Calculated MW

129kDa

Category

Polyclonal Antibodies

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Background

Predicted to enable ATP binding activity. Involved in several processes, including DNA recombination; cellular senescence; and positive regulation of maintenance of mitotic sister chromatid cohesion. Located in cell junction; chromosome; and nuclear body. Part of Smc5-Smc6 complex.

Recommended Dilutions

WB 1:1000 - 1:3000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID	Swiss Prot
23137	Q8IY18

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

ATELS2; SMC5L1; SMC5

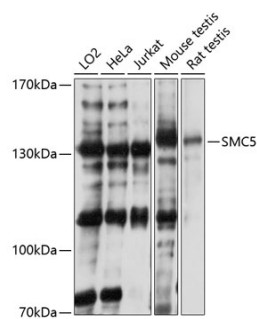
Contact

Product Information

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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.		

Validation Data



Western blot analysis of various lysates using SMC5 Rabbit pAb (A2301) at 1:3000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.

