

Datasheet for ABIN7465167 **anti-SMC2 antibody**



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Overview

Quantity:	100 µL
Target:	SMC2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SMC2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SMC2
Alternative Name:	structural maintenance of chromosomes 2 (SMC2 Products)
Background:	Structural maintenance of chromosomes 2 , CAP-E , CAPE , SMC-2 , SMC2L1,Members of the structural maintenance of chromosomes, or SMC, family (e.g., SMC1A, MIM 300040) are critical for mitotic chromosome condensation in frogs and for DNA repair in mammals.[supplied by

Target Details

	OMIM]
Molecular Weight:	136 kDa
Gene ID:	10592
UniProt:	O95347

Application Details

Application Notes:	WB: 1:500-1:3000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , A431 , HeLa , HepG2
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.167 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.