Datasheet for ABIN7449269

anti-SMC2 antibody (AA 50-100)

Go to Product page

Overview

Quantity:	100 µg
Target:	SMC2
Binding Specificity:	AA 50-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMC2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit anti-SMC2 Antibody, Affinity Purified
Immunogen:	between AA 50 and 100
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	SMC2
Alternative Name:	SMC2 (SMC2 Products)
Background:	Background: Structural maintenance of chromosomes (SMC) proteins are part of the cohesin and condensin multisubunit complexes that play a critical role in chromosome organization,

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Target Details

	segregation, gene regulation, and DNA repair. The core condensin complex includes a heterodimer of SMC2 and SMC4 that functions to create positively supercoiled loops for chromatin condensation and metaphase chromatid shaping. A function for condensin in the DNA damage checkpoint response and gene repression has also been suggested.
Gene ID:	10592
NCBI Accession:	NP_006435
UniProt:	O95347

Application Details

Application Notes:	1:5,000 - 1:20,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months

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