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Datasheet for ABIN872430
anti-SMC2 antibody (AA 401-500)

Overview

Quantity:	100 µL
Target:	SMC2
Binding Specificity:	AA 401-500
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SMC2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Horse
Purification:	Purified by Protein A.

Target Details

Target:	SMC2
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Target Details

Alternative Name:	SMC2 (SMC2 Products)
Background:	<p>Synonyms: CAP E, CAPE, Chromosome associated protein E, Chromosome-associated protein E, FLJ10093, hCAP E, hCAP-E, hCAPE, PRO0324, SMC 2, SMC protein 2, SMC-2, SMC2, SMC2 L1, SMC2_HUMAN, SMC2L1, Structural maintenance of chromosomes SMC family member chromosome associated protein E, Structural maintenance of chromosomes 2, Structural maintenance of chromosomes 2 like 1, Structural maintenance of chromosomes 2 yeast like 1, Structural maintenance of chromosomes protein 2, XCAP E homolog, XCAP-E homolog, XCAPE homolog.</p> <p>Background: Central component of the condensin complex, a complex required for conversion of interphase chromatin into mitotic-like condense chromosomes. The condensin complex probably introduces positive supercoils into relaxed DNA in the presence of type I topoisomerases and converts nicked DNA into positive knotted forms in the presence of type II topoisomerases.</p>
Gene ID:	10592
UniProt:	O95347

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months