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Datasheet for ABIN872420 **anti-SMC5 antibody (AA 251-350)**

Overview

Quantity:	100 µL
Target:	SMC5
Binding Specificity:	AA 251-350
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMC5 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 SMC5
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SMC5
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Target Details

Alternative Name:	SMC5 (SMC5 Products)
Background:	<p>Synonyms: hSMC 5, hSMC5, SMC 5 SMC 5 structural maintenance of chromosomes 5 like 1 SMC5 L1 SMC5 protein SMC5 structural maintenance of chromosomes 5 like 1 SMC5L1</p> <p>Structural maintenance of chromosomes 5 like 1 Structural maintenance of chromosomes protein 5, SMC5_HUMAN.</p> <p>Background: Structural Maintenance of Chromosomes (SMC) family proteins play critical roles in various nuclear events that require structural changes of chromosomes, including mitotic chromosome organization, DNA recombination and repair and global transcriptional repression. The chromosome proteins are conserved in eukaryotes lead to mitotic chromosome segregation defects, suggesting a critical function of SMC family proteins in mitotic chromosome dynamics.</p>
Gene ID:	23137

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 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.

Handling

Expiry Date: 12 months