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Datasheet for ABIN5010753

**anti-SMC5 antibody (AA 251-350) (Alexa Fluor 680)**

## Overview

Quantity:	100 µL
Target:	SMC5
Binding Specificity:	AA 251-350
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMC5 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (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
Alternative Name:	SMC5 ( <a href="#">SMC5 Products</a> )

## Target Details

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 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>
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Gene ID:	23137
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## Application Details

Application Notes:	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:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months