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Datasheet for ABIN915859

**anti-SMC6 antibody (AA 155-260) (Cy7)**

## Overview

Quantity:	100 µL
Target:	SMC6
Binding Specificity:	AA 155-260
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMC6 antibody is conjugated to Cy7
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 SMC6
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Dog, Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	SMC6
Alternative Name:	SMC6 ( <a href="#">SMC6 Products</a> )

## Target Details

Background:	<p>Synonyms: SMC6L1, SMC 6, SMC6, SMC6 protein, SMC6 structural maintenance of chromosomes 6 like 1, Structural maintenance of chromosomes 6, Structural maintenance of chromosomes 6 like 1, Structural maintenance of chromosomes protein 6.</p> <p>Background: SMC5/6 complex is recruited to nuclease induced double strand breaks (DSBs) and is required for the recruitment of cohesin to DSBs. The human SMC5/6 complex and the SUMO ligase activity of hMMS21 are required for the prevention of DNA damage induced apoptosis by facilitating DNA repair in human cells.</p>
Gene ID:	79677

## Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
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