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Datasheet for ABIN6944935  
**anti-SMCR7 antibody (AA 201-300) (Cy5)**

### Overview

Quantity:	100 µL
Target:	SMCR7
Binding Specificity:	AA 201-300
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMCR7 antibody is conjugated to Cy5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SMCR7
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Dog,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	SMCR7
Alternative Name:	SMCR7 ( <a href="#">SMCR7 Products</a> )

## Target Details

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**Background:** Synonyms: MGC23130, MID49, MIEF2, Mitochondrial dynamic protein MID49, Mitochondrial dynamic protein of 49 kDa, Mitochondrial elongation factor 2, Smith Magenis syndrome chromosome region candidate 7, Smith-Magenis syndrome chromosomal region candidate gene 7 protein.

Background: This gene encodes an outer mitochondrial membrane protein that functions in the regulation of mitochondrial morphology. It can directly recruit the fission mediator dynamin-related protein 1 (Drp1) to the mitochondrial surface. The gene is located within the Smith-Magenis syndrome region on chromosome 17. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2011]

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**Gene ID:** 125170

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**UniProt:** [Q96C03](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months