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Datasheet for ABIN6944931

**anti-SMCR7 antibody (AA 201-300) (Alexa Fluor 647)**

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | SMCR7   |
| Binding Specificity: | AA 201-300  |
| Reactivity:          | Mouse   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This SMCR7 antibody is conjugated to Alexa Fluor 647  |
| 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

|             |  |
|-------------|--|
| Background: | <p>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.</p> <p>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]</p> |
| Gene ID:    | 125170   |
| UniProt:    | <a href="#">Q96C03</a>   |

## 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  |