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Datasheet for ABIN915333

anti-SKA1 antibody (AA 181-255) (Cy7)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | SKA1 |
| Binding Specificity: | AA 181-255 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SKA1 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 SKA1 |
| Isotype: | IgG |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Pig, Horse, Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | SKA1 |
| Alternative Name: | SKA1 (SKA1 Products) |
| Background: | Synonyms: Ska1, SKA1_HUMAN, Spindle and kinetochore associated complex subunit 1, |

Target Details

Spindle and kinetochore associated protein 1, Spindle and kinetochore-associated protein 1, Spindle and KT kinetochore associated 1, Spindle and KT associated 1, C18orf24, MGC10200.

Background: Component of the SKA1 complex, a microtubule-binding subcomplex of the outer kinetochore that is essential for proper chromosome segregation. Required for timely anaphase onset during mitosis, when chromosomes undergo bipolar attachment on spindle microtubules leading to silencing of the spindle checkpoint. The SKA1 complex is a direct component of the kinetochore-microtubule interface and directly associates with microtubules as oligomeric assemblies. The complex facilitates the processive movement of microspheres along a microtubule in a depolymerization-coupled manner. In the complex, it mediates the interaction with microtubules.

Pathways: [M Phase](#)

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