

Datasheet for ABIN6991192 **anti-SKA3 antibody (C-Term)**



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Overview

Quantity:	0.1 mg
Target:	SKA3
Binding Specificity:	AA 290-340, C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SKA3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	SKA3 antibody was raised against a 13 amino acid synthetic peptide from near the carboxy terminus of human SKA3. The immunogen is located within amino acids 290 - 340 of SKA3.
Isotype:	IgG
Purification:	SKA3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SKA3
Alternative Name:	SKA3 (SKA3 Products)
Background:	SKA3 Antibody: Upon entry into mitosis, the cell's microtubule (MT) network forms the mitotic spindle, allowing the segregation of paired chromosomes. Proteinaceous structures on centromeric chromatin termed kinetochores (KT) are essential for the proper attachment of the

Target Details

chromosomes to the spindle MTs. A recently discovered spindle and kinetochore complex, comprised of proteins SKA1, SKA2, and SKA3, has been found to be required for stable KT-MT interactions and timely anaphase onset. Like with SKA1 or SKA2, depletion of SKA3 by siRNA delays anaphase transition, resulting in a prolonged a metaphase-like state. These SKA3-depleted cells accumulate high levels of the checkpoint protein Bub1 at kinetochores, suggesting the SKA complex plays a key role in spindle checkpoint silencing and the maintenance of chromosome cohesion in mitosis.

Gene ID: 221150

NCBI Accession: [NP_659498](#)

UniProt: [Q8IX90](#)

Application Details

Application Notes: SKA3 antibody can be used for detection of SKA3 by Western blot at 0.5 - 1 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SKA3 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

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

Storage: -20 °C, 4 °C

Storage Comment: SKA3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.