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## Datasheet for ABIN6991191 **anti-FAM33A antibody (N-Term)**

### Overview

Quantity:	0.1 mg
Target:	FAM33A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM33A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	SKA2 antibody was raised against a 15 amino acid synthetic peptide from near the amino terminus of human SKA2. The immunogen is located within the first 50 amino acids of SKA2.
Isotype:	IgG
Purification:	SKA2 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	FAM33A
Alternative Name:	SKA2 ( <a href="#">FAM33A Products</a> )
Background:	SKA2 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. Depletion of either SKA1 or SKA2 by siRNA results in the loss of both proteins from the KT, but does not impact overall KT structure. Cells depleted of the SKA complex undergo a prolonged checkpoint-dependent delay in a metaphase-like state, indicating the importance of the SKA complex in the maintenance of the metaphase plate and spindle checkpoint silencing. SKA2 has also been shown to interact with glucocorticoid receptors and to be involved in glucocorticoid signaling and cell proliferation.

Gene ID: 348235

NCBI Accession: [NP\\_872426](#)

UniProt: [Q8WVK7](#)

Pathways: [M Phase](#)

## Application Details

Application Notes: SKA2 antibody can be used for detection of SKA2 by Western blot at 0.5 - 1 µg/mL.

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SKA2 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: SKA2 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.