

Datasheet for ABIN500730
anti-FAM33A antibody (N-Term)



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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), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	SKA2 antibody was raised against a 15 amino acid peptide from near the amino terminus of human SKA2.
Isotype:	IgG
Specificity:	This antibody detects SKA2.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse
Purification:	Peptide affinity chromatography

Target Details

Target:	FAM33A
Alternative Name:	SKA2 (FAM33A Products)

Target Details

Background:	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 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.Synonyms: FAM33A, Spindle and kinetochore-associated protein 2
Gene ID:	348235
NCBI Accession:	NP_872426
UniProt:	Q8WVK7
Pathways:	M Phase

Application Details

Application Notes:	ELISA. Western blot: 0.5 - 1 µg/mL. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.