Datasheet for ABIN7170592

anti-FAM33A antibody (AA 1-121) (Biotin)

Go to Product page

Overview

Quantity:	100 µg
Target:	FAM33A
Binding Specificity:	AA 1-121
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM33A antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Spindle and kinetochore-associated protein 2 protein (1-121AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	FAM33A
Alternative Name:	SKA2 (FAM33A Products)
Background:	Background: Component of the SKA1 complex, a microtubule-binding subcomplex of the outer kinetochore that is essential for proper chromosome segregation (PubMed:17093495,

Target Details

	PubMed:19289083, PubMed:23085020). Required for timely anaphase onset during mitosis, when chromosomes undergo bipolar attachment on spindle microtubules leading to silencing of the spindle checkpoint (PubMed:17093495). The SKA1 complex is a direct component of the kinetochore-microtubule interface and directly associates with microtubules as oligomeric assemblies (PubMed:19289083). The complex facilitates the processive movement of microspheres along a microtubule in a depolymerization-coupled manner (PubMed:17093495, PubMed:19289083). In the complex, it is required for SKA1 localization (PubMed:19289083). Affinity for microtubules is synergistically enhanced in the presence of the ndc-80 complex and may allow the ndc-80 complex to track depolymerizing microtubules (PubMed:23085020). Aliases: FAM33A antibody, Family with sequence similarity 33, member A antibody, FLJ12758 antibody, MGC110975 antibody, Protein FAM33A antibody, SKA 2 antibody, SKA2 antibody, SKA2_HUMAN antibody, Spindle and kinetochore associated complex subunit 2 antibody, Spindle and kinetochore associated protein 2 antibody, Spindle and kinetochore-associated protein 2 antibody, Spindle and KT (kinetochore) associated 2 antibody, Spindle and KT associated 2 antibody
UniProt:	Q8WVK7
Pathways:	M Phase

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.