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Datasheet for ABIN7170589 anti-SKA1 antibody (AA 61-134) (FITC)



Overview

Quantity:	100 µg
Target:	SKA1
Binding Specificity:	AA 61-134
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SKA1 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Spindle and kinetochore-associated protein 1 protein (61-134AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SKA1
Alternative Name:	SKA1 (SKA1 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,

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	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: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). In
	the complex, it mediates the interaction with microtubules (PubMed:19289083,
	PubMed:23085020).
	Aliases: 2810433K01Rik antibody, AV117428 antibody, C18orf24 antibody, MGC10200
	antibody, Ska1 antibody, SKA1_HUMAN antibody, Spindle and kinetochore associated complex
	subunit 1 antibody, Spindle and kinetochore associated protein 1 antibody, Spindle and
	kinetochore-associated protein 1 antibody, Spindle and KT (kinetochore) associated 1 antibody,
	Spindle and KT associated 1 antibody
UniProt:	Q96BD8
Pathways:	M Phase

Application Details

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.