

Anti-SKA1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 29 kDa.
Purification:	Protein A purified

Applications

Application:	ELISA,IF,IHC-Fr,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human SKA1
Antigen Species:	Human
Gene ID:	220134
Uniprot ID:	Q96BD8
Synonyms:	C18orf24;Spindle and kinetochore associated complex subunit 1;Spindle and kinetochore associated protein 1;MGC10200;SKA 1;Spindle and KT(kinetochore) associated 1;Spindle and KT associated 1
Biology Area:	Spindle

Research Background

Component of the SKA1 complex, a microtubule-binding subcomplex of the outer kinetochore that is essential for proper chromosome segregation. Required for timely anaphase onset during mitosis, when chromosomes undergo bipolar attachment on spindle microtubules leading to silencing of the spindle checkpoint. The SKA1 complex is a direct component of the kinetochore-microtubule interface and directly associates with microtubules as oligomeric assemblies. The complex facilitates the processive movement of microspheres along a microtubule in a depolymerization-coupled manner. In the complex, it mediates the interaction with microtubules.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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