SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-SKA3/AF647 Conjugated antibody

Catalog Number: SL7848R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-SKA3/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human SKA3
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Chicken,Cow,Horse,Rabbit,Sheep)
Background:	background: Component of the SKA1 complex, a microtubule-binding subcomplex of the outer kinetochore that is essential for proper chromosome segregation. 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 microtubule-stimulated oligomerization. **Function:** Component of the SKA1 complex, a microtubule-bindingsubcomplex of the outer kinetochore that is essential for properchromosome segregation. The SKA1 complex is a direct component ofthe kinetochore-microtubule interface and directly associates withmicrotubules as oligomeric assemblies. The complex facilitates theprocessive movement of microspheres along a microtubule in adepolymerization-coupled manner. In the complex, it mediates themicrotubule-stimulated oligomerization.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Subunit: Component of the SKA1 complex, composed of SKA1, SKA2 andSKA3. The core SKA1 complex is composed of 2 SKA1-SKA2heterodimers, each heterodimer interacting with a molecule of theSKA3 homodimer. The core SKA1 complex associates with microtubulesand forms oligomeric assemblies. Interacts directly with SKA1. **Subcellular Location:** Cytoplasm, cytoskeleton, spindle.Chromosome, centromere, kinetochore. Note=Localizes to the outerkinetochore and spindle microtubules during mitosis in a NDC80complex-dependent manner. **Similarity:** Belongs to the SKA3 family. **Database links:** UniProtKB/Swiss-Prot: Q8IX90.2 Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.