

SKA3 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3008a**Specification**

SKA3 Antibody (internal region) - Product Information

Application	E
Primary Accession	Q8IX90
Other Accession	NP_659498.3 , 221150 , 219114 (mouse) , 361047 (rat)
Predicted	Human, Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	46359

SKA3 Antibody (internal region) - Additional Information**Gene ID** 221150**Other Names**

Spindle and kinetochore-associated protein 3, SKA3, C13orf3, RAMA1

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SKA3 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

SKA3 Antibody (internal region) - Protein Information**Name** SKA3**Synonyms** C13orf3, RAMA1**Function**

Component of the SKA1 complex, a microtubule-binding subcomplex of the outer kinetochore that is essential for proper chromosome segregation (PubMed:19289083, PubMed:19360002, PubMed:23085020). The SKA1 complex is a direct component of the kinetochore-microtubule interface and directly associates with microtubules as oligomeric assemblies (PubMed:19289083, PubMed:19360002). The complex facilitates the processive movement of microspheres along a microtubule in a depolymerization-coupled manner (PubMed:19289083). In the complex, it mediates the microtubule- stimulated oligomerization (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).

Cellular Location

Cytoplasm, cytoskeleton, spindle. Chromosome, centromere, kinetochore Note=Localizes to the outer kinetochore and spindle microtubules during mitosis in a NDC80 complex-dependent manner

SKA3 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SKA3 Antibody (internal region) - Images

SKA3 Antibody (internal region) - References

Comparative profiling identifies C13orf3 as a component of the Ska complex required for mammalian cell division. Theis M, Slabicki M, Junqueira M, Paszkowski-Rogacz M, Sontheimer J, Kittler R, Heninger AK, Glatter T, Kruusmaa K, Poser I, Hyman AA, Pisabarro MT, Gstaiger M, Aebersold R, Shevchenko A, Buchholz F. The EMBO journal 2009 May 28 (10): 1453-65. PMID: 19387489