

**bs-7848R****[ Primary Antibody ]****SKA3 Rabbit pAb****BioSS**  
**ANTIBODIES**

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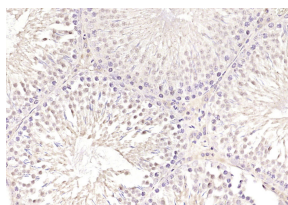
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**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 221150 <b>Target:</b> SKA3 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human SKA3: 201-300/412. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> 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.	<b>Isotype:</b> IgG <b>SWISS:</b> Q8IX90	<b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) <b>Reactivity:</b> Rat (predicted: Human, Mouse, Rabbit, Sheep, Cow, Chicken, Horse) <b>Predicted MW.:</b> 46 kDa <b>Subcellular Location:</b> Cytoplasm ,Nucleus
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**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (rat testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SKA3) Polyclonal Antibody, Unconjugated (bs-7848R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=5.959]** Hou Y et al. SKA3 Promotes tumor growth by regulating CDK2/P53 phosphorylation in hepatocellular carcinoma. Cell Death Dis. 2019 Dec 5;10(12):929. WB,IHC ;Human. 31804459
- **[IF=2.538]** Haoyue Xu. et al. SKA3 promotes cell growth via the PI3K/AKT/GSK3 $\beta$  and PI3K/AKT/FOXO1 pathways and is a potential prognostic biomarker for oral squamous cell carcinoma. OR SURG OR MED OR PA. 2022 Jun;; WB,IHC ;Human, Mouse. 10.1016/j.oooo.2022.06.010