

Rabbit SKA1 Polyclonal Antibody | anti-SKA1 antibody

SKA1 Antibody

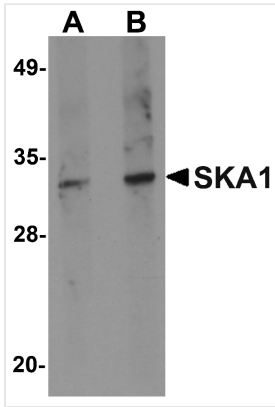
CATALOG # AAA39242	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

SKA1; Polyclonal Antibody; SKA1 Antibody; C18orf24; Spindle and kinetochore-associated protein 1; spindle and kinetochore associated complex subunit 1; anti-SKA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	SKA1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; SKA1 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	255
Applicable Applications for anti-SKA1 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SKA1 antibody was raised against a 13 amino acid synthetic peptide from near the carboxy terminus of human SKA1. The immunogen is located within amino acids 180 - 230 of SKA1.
Homology	Predicted species reactivity based on immunogen sequence: Bovine: (85%)
Preparation and Storage	SKA1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



WB (Western Blot)
Western blot analysis of SKA1 in A549 cell lysate with SKA1 antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SKA1 antibody	SKA1 Antibody: Upon entry into mitosis, the cell's microtubule (MT) network forms the mitotic spindle, allowing the segregation of paired chromosomes. Proteinaceous structures on centromeric chromatin termed kinetochores (KT) are essential for the proper attachment of the chromosomes to the spindle MTs. A recently discovered spindle and kinetochore complex, comprised of proteins SKA1, SKA2, and SKA3, has been found to be required for stable KT-MT interactions and timely anaphase onset. Depletion of either SKA1 or SKA2 by siRNA results in the loss of both proteins from the KT, but does not impact overall KT structure. Cells depleted of the SKA complex undergo a prolonged checkpoint-dependent delay in a metaphase-like state, indicating the importance of the SKA complex in the maintenance of the metaphase plate and spindle checkpoint silencing.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74731226
NCBI GeneID	220134
UniProt Accession #	Q96BD8; B2R9Y6; B4E0P4
Molecular Weight	24,390 Da
NCBI Official Full Name	Spindle and kinetochore-associated protein 1
NCBI Official Synonym Full Names	spindle and kinetochore associated complex subunit 1
NCBI Official Symbol	SKA1
NCBI Official Synonym Symbols	C18orf24
NCBI Protein Information	spindle and kinetochore-associated protein 1; spindle and KT (kinetochore) associated 1
UniProt Protein Name	Spindle and kinetochore-associated protein 1
UniProt Gene Name	SKA1
UniProt Synonym Gene Names	C18orf24
UniProt Entry Name	SKA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.