

Rabbit anti-Human SKA2 Polyclonal Antibody | anti-SKA2 antibody

SKA2 Antibody

CATALOG # AAA234856	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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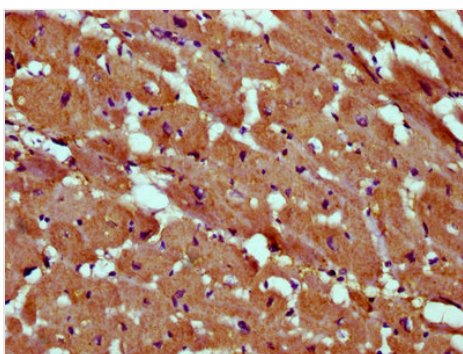
PRODUCT SYNONYMS

SKA2; Polyclonal Antibody; SKA2 Antibody; Spindle and kinetochore-associated protein 2; Protein FAM33A; FAM33A; anti-SKA2 antibody

PRODUCT SPECIFICATIONS

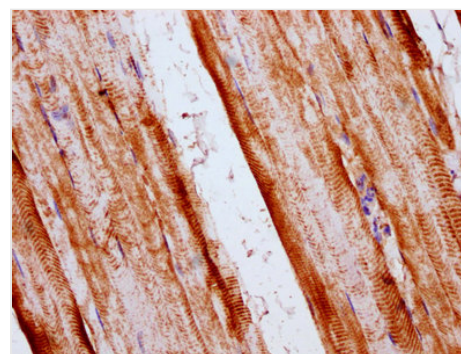
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	75
Applicable Applications for anti-SKA2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Spindle and kinetochore-associated protein 2 protein (1-121AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA234856 diluted at 1:400 and staining in paraffin-embedded human heart tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234856 diluted at 1:400 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-SKA2 antibody	Component of the SKA1 complex, a microtubule-binding subcomplex of the outer kinetochore that is essential for proper chromosome segregation (PubMed:17093495, PubMed:19289083, PubMed:23085020). Required for timely anaphase onset during mitosis, when chromosomes undergo bipolar attachment on spindle microtubules leading to silencing of the spindle checkpoint (PubMed:17093495). The SKA1 complex is a direct component of the kinetochore-microtubule interface and directly associates with microtubules as oligomeric assemblies (PubMed:19289083). The complex facilitates the processive movement of microspheres along a microtubule in a depolymerization-coupled manner (PubMed:17093495, PubMed:19289083). In the complex, it is required for SKA1 localization (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).
Product Categories/Family for anti-SKA2 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	154689791
NCBI GeneID	348235
NCBI Accession #	NP_001094065.1
NCBI GenBank Nucleotide #	NM_001100595.1
UniProt Accession #	Q8WVK7; A6NIL3; B3KPL3; E9PCB8
Molecular Weight	8,282 Da
NCBI Official Full Name	spindle and kinetochore-associated protein 2 isoform 2
NCBI Official Synonym Full Names	spindle and kinetochore associated complex subunit 2
NCBI Official Symbol	SKA2
NCBI Official Synonym Symbols	FAM33A
NCBI Protein Information	spindle and kinetochore-associated protein 2
UniProt Protein Name	Spindle and kinetochore-associated protein 2
UniProt Gene Name	SKA2
UniProt Synonym Gene Names	FAM33A

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ska2-antibody-immunohistochemistry-elisa/234856>