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# Product datasheet for AP53923PU-N

## SKA2 (N-term) Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | IHC, WB |
| **Recommended Dilution:** | **ELISA:** 1/1000.<br>**Western Blot:** 1/100-1/500.<br>**Immunohistochemistry on Paraffin Sections:** 1/10-1/50. |
| **Reactivity:** | Human |
| **Host:** | Rabbit |
| **Isotype:** | Ig |
| **Clonality:** | Polyclonal |
| **Immunogen:** | KLH conjugated synthetic peptide between 16-45 amino acids from the N-terminal region of Human SKA2 |
| **Specificity:** | This antibody recognizes Human SKA2 (N-term). |
| **Formulation:** | PBS containing 0.09% (W/V) Sodium Azide as preservative<br>State: Aff - Purified<br>State: Liquid purified Ig fraction |
| **Concentration:** | lot specific |
| **Purification:** | Protein A column, followed by peptide affinity purification |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing. |
| **Stability:** | Shelf life: one year from despatch. |
| **Gene Name:** | spindle and kinetochore associated complex subunit 2 |
| **Database Link:** | Entrez Gene 348235 Human<br>Q8WVK7 |

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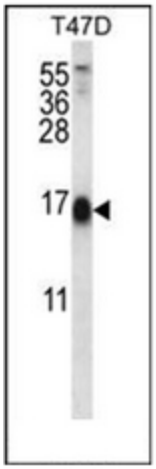
**Background:**

Component of the SKA1 complex, a microtubule-binding subcomplex of the outer kinetochore that is essential for proper chromosome segregation. Required for timely anaphase onset during mitosis, when chromosomes undergo bipolar attachment on spindle microtubules leading to silencing of the spindle checkpoint. 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 is required for SKA1 localization.

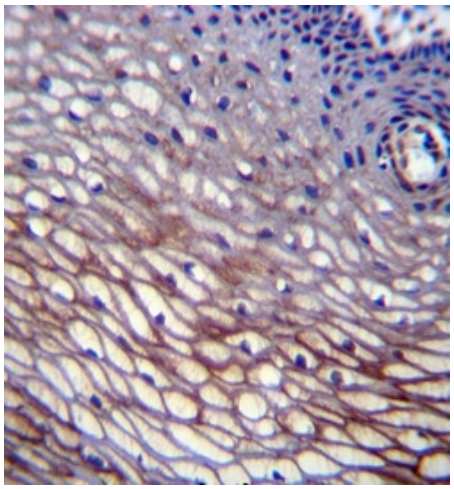
**Synonyms:** FAM33A

**Note:** **Molecular Weight:** 14188 Da

## Product images:




Western blot analysis of SKA2 Antibody (N-term) in T47D cell line lysates (35ug/lane). This demonstrates the SKA2 antibody detected the SKA2 protein (arrow).



Formalin fixed, paraffin embedded human cervix tissue stained with SKA2 Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of SKA2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.