

Datasheet for ABIN954814
anti-FAM33A antibody (N-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	FAM33A
Binding Specificity:	AA 16-45, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM33A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 16-45 amino acids from the N-terminal region of Human SKA2 Genename: SKA2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human SKA2 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	FAM33A
Alternative Name:	SKA2 (FAM33A Products)

Target Details

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, Spindle and kinetochore-associated protein 2

Molecular Weight: 14188 Da

Gene ID: 348235

NCBI Accession: [NP_872426](#)

Pathways: [M Phase](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

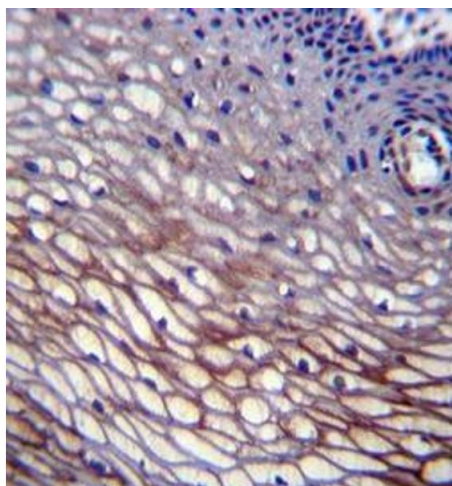
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

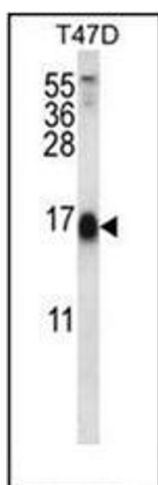
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.



Western Blotting

Image 2. 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).