

# Nuf2 Rabbit mAb

Catalog # AP53648

## Product Information

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<b>Application</b>	WB, FC
<b>Primary Accession</b>	<a href="#">Q9BZD4</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	54304

## Additional Information

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<b>Gene ID</b>	83540
<b>Other Names</b>	NUF2
<b>Dilution</b>	WB~~1:500-1:1000 FC~~1:10-1:100
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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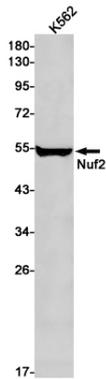
<b>Name</b>	NUF2
<b>Synonyms</b>	CDCA1, NUF2R
<b>Function</b>	Acts as a component of the essential kinetochore-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity (PubMed: <a href="#">12438418</a> , PubMed: <a href="#">14654001</a> , PubMed: <a href="#">15062103</a> , PubMed: <a href="#">15235793</a> , PubMed: <a href="#">15239953</a> , PubMed: <a href="#">15548592</a> , PubMed: <a href="#">17535814</a> ). Required for kinetochore integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochore (PubMed: <a href="#">15548592</a> ). The NDC80 complex synergistically enhances the affinity of the SKA1 complex for microtubules and may allow the NDC80 complex to track depolymerizing microtubules (PubMed: <a href="#">23085020</a> ).
<b>Cellular Location</b>	Nucleus. Chromosome, centromere, kinetochore. Note=Localizes to kinetochores from late prophase to anaphase Localizes specifically to the

outer plate of the kinetochore. NDC80 is required for efficient kinetochore localization

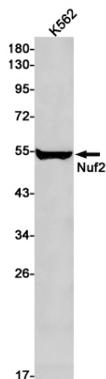
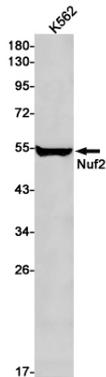
## Background

Acts as a component of the essential kinetochore-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity. Required for kinetochore integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochore.

## Images



Western blot analysis of Nuf2 in K562 lysates using Nuf2 antibody.



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