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Anti-Nuf2 Rabbit Monoclonal Antibody

Catalog # ABO15305

Product Information

Application	WB, IF, ICC, FC
Primary Accession	Q9BZD4
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-Nuf2 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.

Additional Information

Gene ID	83540
Other Names	Kinetochore protein Nuf2, hNuf2, hNuf2R, hsNuf2, Cell division cycle-associated protein 1, NUF2, CDCA1, NUF2R
Calculated MW	54304
Application Details	WB 1:500-1:2000 ICC/IF 1:100-1:500 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 18N81
Immunogen	A synthesized peptide derived from human Nuf2
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

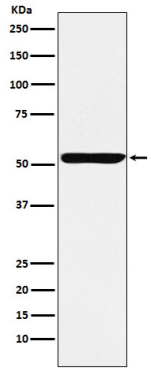
Name	NUF2
Synonyms	CDCA1, NUF2R
Function	Acts as a component of the essential kinetochore-associated NDC80

complex, which is required for chromosome segregation and spindle checkpoint activity (PubMed:12438418, PubMed:14654001, PubMed:15062103, PubMed:15235793, PubMed:15239953, PubMed:15548592, PubMed:17535814). Required for kinetochore integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochore (PubMed:15548592). The NDC80 complex synergistically enhances the affinity of the SKA1 complex for microtubules and may allow the NDC80 complex to track depolymerizing microtubules (PubMed:23085020).

Cellular Location

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

Images



Western blot analysis of Nuf2 expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.