

ARG44111 anti-NUF2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal recognizes NUF2
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NUF2
Species	Human
Immunogen	Human NUF2 recombinant protein (Position: M1-Q297).
Conjugation	Un-conjugated
Alternate Names	NUF2; NUF2 Component Of NDC80 Kinetochores Complex; NUF2R; CT106; CDCA1; NDC80 Kinetochores Complex Component NUF2; Cell Division Cycle-Associated Protein 1; Cell Division Cycle Associated 1; Cancer/Testis Antigen 106; Kinetochores Protein Nuf2; HNuf2R; HsNuf2; HNuf2; NUF2, NDC80 Kinetochores Complex Component, Homolog (S. Cerevisiae); NUF2, NDC80 Kinetochores Complex Component, Homolog

Application Instructions

Application table	Application	Dilution
	WB	0.25 - 0.5 µg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	NUF2
Gene Full Name	NUF2 Component Of NDC80 Kinetochores Complex
Background	This gene encodes a protein that is highly similar to yeast Nuf2, a component of a conserved protein complex associated with the centromere. Yeast Nuf2 disappears from the centromere during meiotic prophase when centromeres lose their connection to the spindle pole body, and plays a regulatory role in chromosome segregation. The encoded protein is found to be associated with centromeres of mitotic HeLa cells, which suggests that this protein is a functional homolog of yeast Nuf2. Alternatively spliced transcript variants that encode the same protein have been described.
Function	Acts as a component of the essential kinetochores-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity.
Calculated Mw	54 kDa
PTM	Acetylation, Phosphoprotein
Cellular Localization	Centromere, Chromosome, Kinetochores, Nucleus

Images

ARG44111 anti-NUF2 antibody WB image

Western blot: A431 and U251 stained with ARG44111 anti-NUF2 antibody at 0.5 µg/ml dilution.

