

Datasheet for ABIN2792062
anti-NUF2 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	NUF2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Dog, Guinea Pig, Horse, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUF2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of human NUF2
Sequence:	EIVIHIRNKI LTGADGKNLT KNDLYPNPKP EVLHMIYMRA LQIVYGIRLE
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against NUF2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NUF2
Alternative Name:	NUF2 (NUF2 Products)
Background:	This gene encodes a protein that is highly similar to yeast Nuf2, a component of a conserved

Target Details

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.

Alias Symbols: CDCA1, CT106, NUF2R

Protein Size: 417

Molecular Weight: 45 kDa

Gene ID: 83540

NCBI Accession: [NM_031423](#), [NP_113611](#)

UniProt: [Q9BZD4](#)

Pathways: [Maintenance of Protein Location](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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 repeat freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Western Blotting

Image 1. Host: Rabbit Target Name: NUF2 Sample Type: RPMI-8226 Whole Cell lysates Antibody Dilution: 1.0ug/ml

