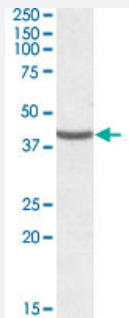


# NUDC polyclonal antibody

Catalog # PAB16636      Size 100 ug

## Applications



### Western Blot (Cell lysate)

NUDC polyclonal antibody (Cat # PAB16636) (0.3 ug/mL) staining of HeLa lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of NUDC.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids at internal region of human NUDC.
<b>Sequence</b>	C-PNLGNGADLPNYR
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	38.2
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Recommend Usage</b>	ELISA (1:32000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

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

## Applications

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — NUDC

**Entrez GeneID**[10726](#)**Protein Accession#**[NP\\_006591.1](#)**Gene Name**

NUDC

**Gene Alias**

HNUDC, MNUDC, NPD011

**Gene Description**

nuclear distribution gene C homolog (A. nidulans)

**Omim ID**[610325](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

NudC was first identified as a regulator of nuclear movement in the asexual reproductive cycle of the filamentous fungus *Aspergillus nidulans*. Human NUDC is a nuclear movement protein that associates with dynein (see DYNC1H1; MIM 600112) (Aumais et al., 2003 [PubMed 12679384]). [supplied by OMIM]

**Other Designations**

OTTHUMP00000004405|nuclear distribution gene C homolog

## Publication Reference

- [hNUDC promotes the cell proliferation and differentiation in a leukemic cell line via activation of the thrombopoietin receptor \(Mpl\).](#)

Tang YS, Zhang YP, Xu P.

Leukemia 2008 May; 22(5):1018.