

NUDC Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2988a**Specification**

NUDC Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	Q9Y266
Other Accession	NP_006591.1 , 10726 , 18221 (mouse) , 29648 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	38243

NUDC Antibody (internal region) - Additional Information**Gene ID** 10726**Other Names**

Nuclear migration protein nudC, Nuclear distribution protein C homolog, NUDC

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NUDC Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

NUDC Antibody (internal region) - Protein Information**Name** NUDC**Function**

Plays a role in neurogenesis and neuronal migration (By similarity). Necessary for correct formation of mitotic spindles and chromosome separation during mitosis (PubMed:12679384, PubMed:12852857, PubMed:25789526). Necessary for cytokinesis and cell proliferation (PubMed:12679384, PubMed:12852857).

Cellular Location

Cytoplasm, cytoskeleton. Nucleus. Cytoplasm, cytoskeleton, spindle. Midbody Note=In a filamentous pattern adjacent to the nucleus of migrating cerebellar granule cells. Colocalizes with tubulin and dynein and with the microtubule organizing center. Distributed throughout the cytoplasm of non-migrating cells. A small proportion is nuclear, in a punctate pattern. Localizes to the mitotic spindle in a EML4-dependent manner (PubMed:25789526).

Tissue Location

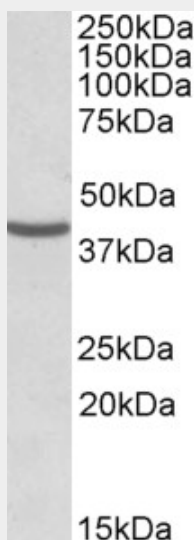
Ubiquitous. Highly expressed in fetal liver, kidney, lung and brain. Highly expressed in adult pancreas, kidney, skeletal muscle, liver, lung, placenta, prostate, brain and heart

NUDC Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NUDC Antibody (internal region) - Images



AF2988a (0.3 µg/ml) staining of HeLa lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NUDC Antibody (internal region) - References

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 : official journal of the Leukemia Society of America, Leukemia Research Fund, U.K 2008 May 22 (5): 1018-25. PMID: 18288130