

NUDC Polyclonal Antibody
Catalog # AP71392**Specification**

NUDC Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q9Y266
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

NUDC Polyclonal Antibody - Additional Information**Gene ID** 10726**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

NUDC Polyclonal Antibody - 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

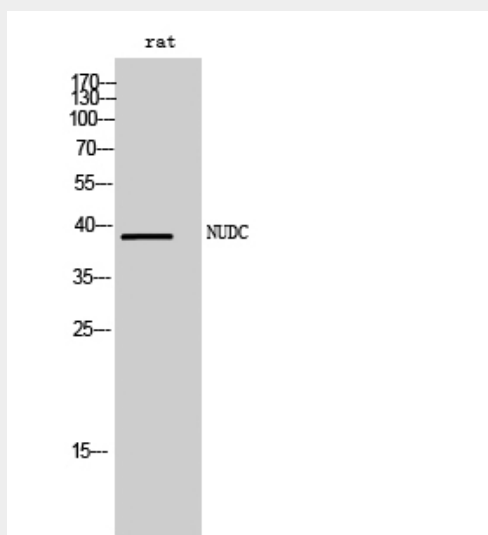
Ubiquitous. Highly expressed in fetal liver, kidney, lung and brain. Highly expressed in adult pancreas, kidney, skeletal muscle, liver, lung, placenta, prostate, brain and heart

NUDC Polyclonal Antibody - Protocols

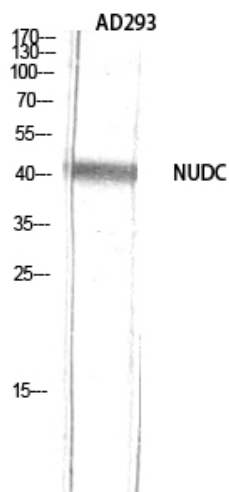
Provided below are standard protocols that you may find useful for product applications.

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

NUDC Polyclonal Antibody - Images



Western Blot analysis of rat cells using NUDC Polyclonal Antibody diluted at 1:2000



Western Blot analysis of AD293 using NUDC Polyclonal Antibody diluted at 1:2000

NUDC Polyclonal Antibody - Background

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