

NUDC (phospho Ser326) Polyclonal Antibody
Catalog # AP67758**Specification**

NUDC (phospho Ser326) Polyclonal Antibody - Product Information

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

NUDC (phospho Ser326) 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: 1/5000. 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 (phospho Ser326) 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

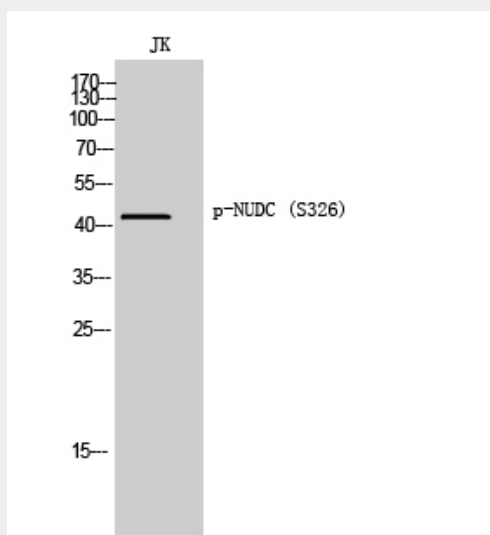
Ubiquitous. Highly expressed in fetal liver, kidney, lung and brain. Highly expressed in adult pancreas, kidney, skeletal muscle, liver, lung, placenta, prostate, brain and heart

NUDC (phospho Ser326) 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 (phospho Ser326) Polyclonal Antibody - Images



Western Blot analysis of JK cells using Phospho-NUDC (S326) Polyclonal Antibody

NUDC (phospho Ser326) 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.