10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-NUDC Antibody (aa282-331)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17941

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9Y266
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	38243

Additional Information

Gene ID	10726
Alias Symbol	NUDC
Other Names	NUDC, HNUDC, MNUDC, NPD011, Nuclear migration protein nudC
Target/Specificity	NudC Antibody detects endogenous levels of total NudC protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-NUDC Antibody (aa282-331) is for research use only and not for use in diagnostic or therapeutic procedures.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.