USA: proteintech@ptglab.com

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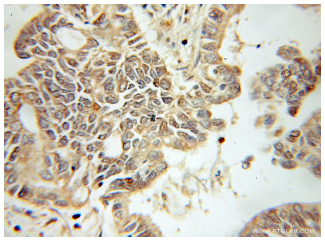
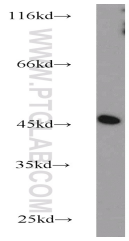
NUDC Polyclonal Antibody

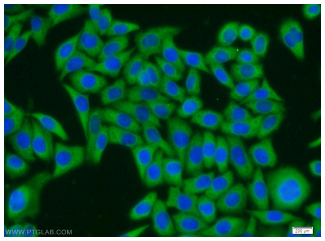
Catalog number: 10681-1-AP
Size: 57 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
NUDC; HNUDC, MNUDC, Nuclear migration protein nudC, NUDC



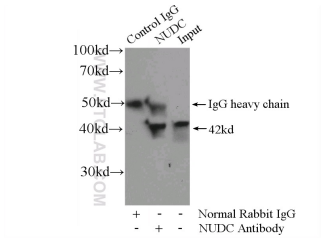
Immunohistochemical of paraffin-embedded human pancreas cancer using 10681-1-AP(NUDC antibody) at dilution of 1:50 (under 10x lens)



HepG2 cells were subjected to SDS PAGE followed by western blot with 10681-1-AP(NUDC antibody) at dilution of 1:1000



Immunofluorescent analysis of HeLa cells using 10681-1-AP(NUDC Antibody) at dilution of 1:25 and Alexa Fluor 594-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IP Result of anti-NUDC (IP:10681-1-AP, 4ug;

Background

Nuclear distribution protein C (NudC) is a highly conserved dynein/dynactin associated protein implicated in mitosis and cytokinesis. NudC is localized on major mitotic structures, and is involved in regulating spindle formation stability of kinetochore microtubule attachments, and chromosomes congression in early mitosis. NudC also is required for multi-protein transport along axons in neurons.

Applications

Tested applications:	**ELISA, WB, IHC, IF, IP**
Cited applications:	**IF, WB**
Species specificity:	**Human; other species not tested.**
Cited species:	**Human**
Caculated NUDC MW:	**38 kDa**
Observed NUDC MW:	**42-45 kDa**
Positive WB detected in	**HepG2 cells, HEK-293 cells, HeLa cells, K-562 cells, SH-SY5Y cells**
Positive IP detected in	**HEK-293 cells**
Positive IHC detected in	**Human pancreas cancer tissue**
Positive IF detected in	**HeLa cells, HEK-293 cells, HepG2 cells**
Recommended dilution:	**WB: 1:500-1:5000** **IP: 1:500-1:5000** **IHC: 1:20-1:200** **IF: 1:10-1:100**

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag0998**
GenBank accession number:	**BC006147**
Gene ID (NCBI):	**10726**
Full name:	**Nuclear distribution gene C homolog (A. nidulans)**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**

Detection:10681-1-AP 1:1000)
with HEK-293 cells lysate
2800ug.