

For Research Use Only

NUDT21 Polyclonal antibody

Catalog Number: 10322-1-AP

Featured Product

22 Publications



Basic Information

Catalog Number: 10322-1-AP	GenBank Accession Number: BC001403	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 11051	Recommended Dilutions: WB 1:2000-1:10000 IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB
Source: Rabbit	Full Name: nudix (nucleoside diphosphate linked moiety X)-type motif 21	IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG	Calculated MW: 26 kDa	
Immunogen Catalog Number: AG0393	Observed MW: 26 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB : HL-60 cells, NIH/3T3 cells, MCF-7 cells
Cited Applications: ChIP, CoIP, IF, IHC, IP, WB	IP : MCF-7 cells,
Species Specificity: human, mouse, rat	IHC : human cervical cancer tissue,
Cited Species: human, mouse	IF : HeLa cells,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Cleavage and polyadenylation specific factor 5, 25 kDa (CPSF5, synonym: CFIM25) is one subunit of a cleavage factor required for 3' RNA cleavage and polyadenylation processing. The interaction of CPSF5 with the RNA is one of the earliest steps in the assembly of the 3' end processing complex and facilitates the recruitment of other processing factors.

Notable Publications

Author	Pubmed ID	Journal	Application
Yong Zhu	34660260	Front Oncol	WB, IHC
Byung Ran So	31522989	Mol Cell	WB
Junsuk Ko	31488543	J Biol Chem	WB

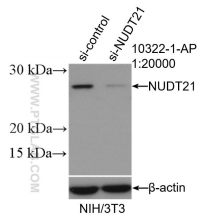
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

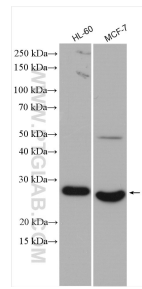
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

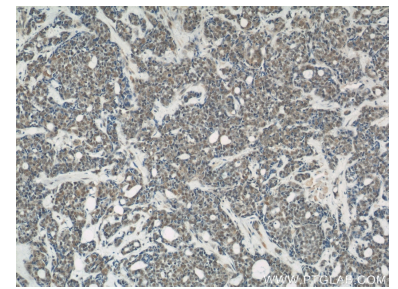
Selected Validation Data



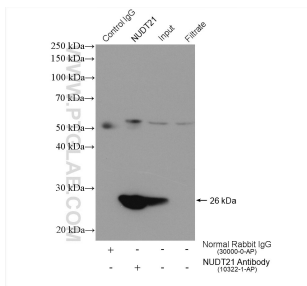
WB result of NUDT21 antibody (10322-1-AP; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NUDT21 transfected NIH/3T3 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 10322-1-AP (NUDT21 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 10322-1-AP (NUDT21 antibody) at dilution of 1:50 (under 10x lens).



IP result of anti-NUDT21(IP:10322-1-AP, 4ug; Detection:10322-1-AP 1:2000) with MCF-7 cells lysate 640 ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using NUDT21 antibody (10322-1-AP) at dilution of 1:100 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CLS94-Phalloidin (red).