

For Research Use Only

NUDT21 Monoclonal antibody

Catalog Number: 66335-1-Ig

Featured Product

2 Publications



Basic Information

Catalog Number: 66335-1-Ig	GenBank Accession Number: BC001403	Purification Method: Protein G purification
Size: 150ul, Concentration: 1700 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 11051	CloneNo.: 1C4C8
Source: Mouse	Full Name: nudix (nucleoside diphosphate linked moiety X)-type motif 21	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:500-1:2000 IF 1:50-1:500
Isotype: IgG1	Calculated MW: 26 kDa	
Immunogen Catalog Number: AG12260	Observed MW: 27 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Cited Applications:

IP, WB

Species Specificity:

human, mouse

Cited Species:

human

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

Positive Controls:

WB: NIH/3T3 cells, HEK-293 cells, HeLa cells, MCF-7 cells

IHC: human brain tissue, mouse brain tissue, mouse liver tissue

IF: HepG2 cells,

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
Zhijie Hu	36073763	J Mol Cell Biol	WB
Seung Wook Yang	31980388	Mol Cell	IP

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

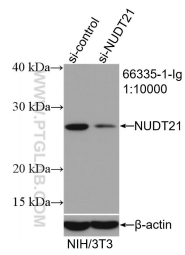
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

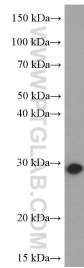
E: proteintech@ptglab.com
W: ptglab.com

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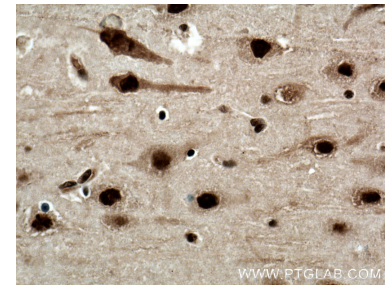
Selected Validation Data



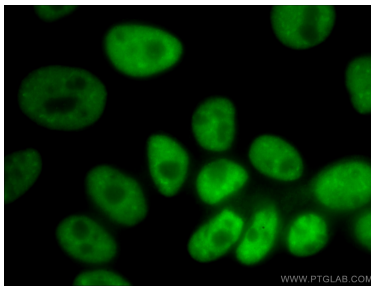
WB result of NUDT21 antibody (66335-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NUDT21 transfected NIH/3T3 cells.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 66335-1-Ig (NUDT21 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 66335-1-Ig (NUDT21 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 66335-1-Ig (NUDT21 antibody) at dilution of 1:400 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).