

For Research Use Only

HNRNPA3 Polyclonal antibody

Catalog Number: 25142-1-AP **10 Publications**



Basic Information

Catalog Number: 25142-1-AP	GenBank Accession Number: BC113470	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 1300 µg/ml by Nanodrop and 627 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 220988	Recommended Dilutions: WB 1:500-1:2000 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: P51991	
Isotype: IgG	Full Name: heterogeneous nuclear ribonucleoprotein A3	
Immunogen Catalog Number: AG18248	Calculated MW: 378 aa, 40 kDa	
	Observed MW: 37-40 kDa	

Applications

Tested Applications: WB, IF, ELISA	Positive Controls:
Cited Applications: WB, IP, IF, IHC	WB: mouse liver tissue, Jurkat cells
Species Specificity: human, mouse	IF: mouse colon tissue, HeLa cells
Cited Species: human, mouse, monkey, pig	

Background Information

HNRNPA3 also named as hnRNP A3 or heterogeneous nuclear ribonucleoprotein A3 is a 378 amino acid protein, which contains 2 RRM domains and localizes in nucleus. HNRNPA3 is a component of the spliceosome C complex and play a role in cytoplasmic trafficking of RNA. Binds to the cis-acting response element.

Notable Publications

Author	Pubmed ID	Journal	Application
Haiyan An	31636118	J Cell Biol	WB
Xinlu Ren	33281957	Oncol Lett	IHC
J J David Ho	32472050	Nat Commun	WB

Storage

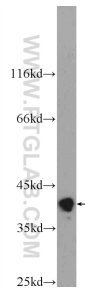
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

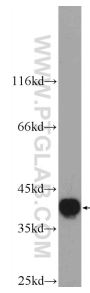
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

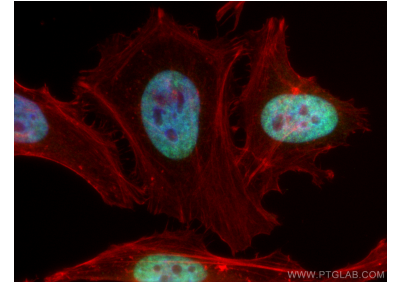
Selected Validation Data



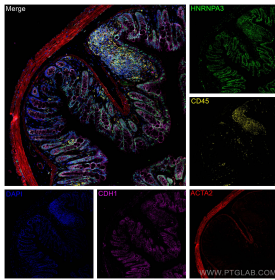
Jurkat cells were subjected to SDS PAGE followed by western blot with 25142-1-AP (HNRNPA3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



mouse liver tissue were subjected to SDS PAGE followed by western blot with 25142-1-AP (HNRNPA3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPA3 antibody (25142-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed mouse colon tissue using HNRNPA3 antibody (25142-1-AP) at dilution of 1:200, E-cadherin antibody (20874-1-AP, Magenta), CoraLite@594 smooth muscle actin antibody (CL594-14395, red), CD45 antibody (80297-1-RR, Clone: 6O19, orange).