

For Research Use Only

HNRNPA3 Polyclonal antibody

Catalog Number: 25142-1-AP

Featured Product

16 Publications



Basic Information

| | | |
|--|---|--|
| Catalog Number: 25142-1-AP | GenBank Accession Number: BC113470 | Purification Method: Antigen affinity purification |
| Size: 150ul, Concentration: 1300 ug/ml by Nanodrop and 627 ug/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 220988 | Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF-P 1:50-1:500 IF/ICC 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, IHC, IF/ICC, IF-P, ELISA | Positive Controls: WB : mouse liver tissue, Jurkat cells IHC : human stomach tissue, human colon IF-P : mouse colon tissue, IF/ICC : HeLa cells, |
| Cited Applications: WB, IHC, IF, IP | |
| Species Specificity: human, mouse | |
| Cited Species: human, mouse, pig, monkey | |

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

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

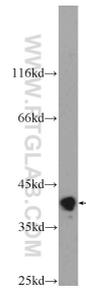
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

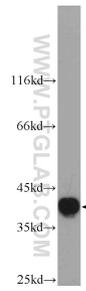
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

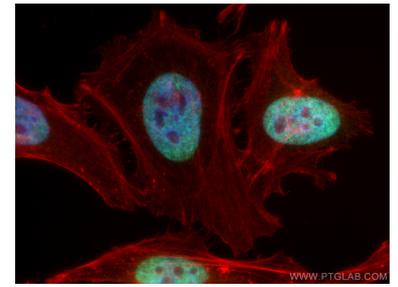
Selected Validation Data



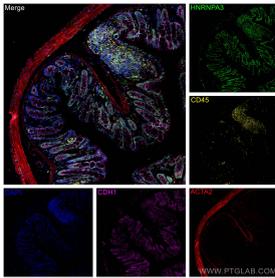
Jurkat cells were subjected to SDS PAGE followed by western blot with 25142-1-AP (HNRNPA3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



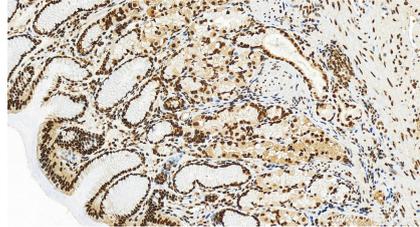
mouse liver tissue were subjected to SDS PAGE followed by western blot with 25142-1-AP (HNRNPA3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



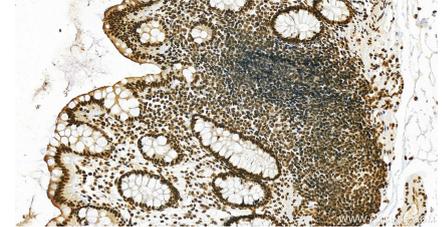
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPA3 antibody (25142-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



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).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 25142-1-AP (HNRNPA3 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon slide using 25142-1-AP (HNRNPA3 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).