

For Research Use Only

NUP205 Polyclonal antibody

Catalog Number: 24439-1-AP

8 Publications



Basic Information

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| Catalog Number: 24439-1-AP | GenBank Accession Number: BC136624 | Purification Method: Antigen affinity purification |
| Size: 150ul, Concentration: 500 µg/ml by Nanodrop; | GeneID (NCBI): 23165 | Recommended Dilutions: WB 1:2000-1:10000 IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200 |
| Source: Rabbit | Full Name: nucleoporin 205kDa | |
| Isotype: IgG | Calculated MW: 2012 aa, 228 kDa | |
| Immunogen Catalog Number: AG19832 | Observed MW: 205 kDa | |

Applications

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|--|---|
| Tested Applications: IHC, IP, WB, ELISA | Positive Controls: WB : HEK-293T cells, Jurkat cells, HeLa cells IP : HeLa cells, IHC : human stomach tissue, |
| Cited Applications: IF, IHC, WB | |
| Species Specificity: human | |
| Cited Species: human, mouse | |
| 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

NUP205, also named as C7orf14 and KIAA0225, is a 205 kDa nucleoporin. It plays a role in the nuclear pore complex (NPC) assembly and/or maintenance.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|------------------|-----------|------------------|-------------|
| Emmanuelle Steib | 36313808 | Cell Rep Methods | IF |
| Meng Han | 30488537 | Hum Mutat | WB |
| Marine H Laporte | 35027766 | Nat Methods | IF |

Storage

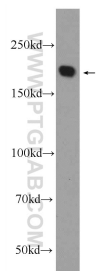
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

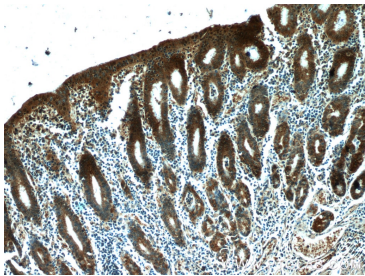
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech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

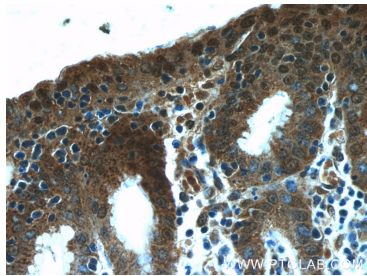
Selected Validation Data



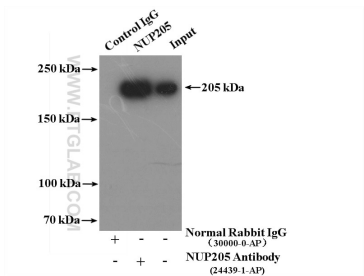
HeLa cells were subjected to SDS PAGE followed by western blot with 24439-1-AP (NUP205 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



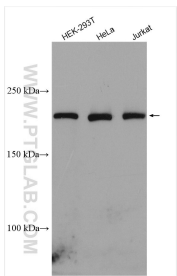
Immunohistochemical analysis of paraffin-embedded human stomach slide using 24439-1-AP (NUP205 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human stomach slide using 24439-1-AP (NUP205 Antibody) at dilution of 1:50.



IP Result of anti-NUP205 (IP:24439-1-AP, 4ug; Detection:24439-1-AP 1:1500) with HeLa cells lysate 4000ug.



Various lysates were subjected to SDS PAGE followed by western blot with 24439-1-AP (NUP205 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.