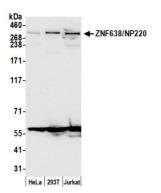
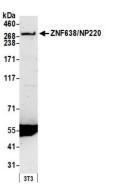
ZNF638/NP220 Antibody

| 2111050/1 | 11220 | Antibody | | | |
|--|-----------------------|---|---------------|---|---|
| Rabbit Polyclonal Antigen Affinity Purified | | | Protein ID | NP_055312.2 | |
| | | | | | |
| - | Catalog No. A301–548A | | GenelD | 27332 | BETHYL |
| Lot No. | t No. A301–548A–3 | | | | |
| APPLICATIONS | | WB, IP | | | |
| SPECIES REACTIVITY | | Human, Mouse | | | |
| AMOUNT | | 100 μΙ | | | |
| CONCENTRATION | | 200 µg/ml | | | |
| STORAGE/SHELF LIFE | | 2 - 8° C / 1 year from date of receipt | | | |
| PHYSICAL STATE | | Liquid | | | |
| BUFFER | | Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide | | | |
| ISOTYPE | | IgG | | | |
| ORIGIN | | USA | | | |
| PRODUCTION PROCEDURES | | Antibody was affinity purified using an epitope specific to ZNF638/NP220 immobilized on solid support. | | | |
| | | The epitope recognized by A301-548A maps to a region between residue 1928 and 1978 of human zinc finger protein 638 (Nuclear protein 220) using the numbering given in entry NP_055312.2 (GeneID 27332). | | | |
| | | Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. | | | |
| APPLICATIONS | | Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. | | | |
| | | Western Blot | 1:2 | 2,000 - 1:10,000 | |
| | | Immunoprecip | itation 2 - | - 10 µg/mg lysate | |
| APPLICATION NOTES | | Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). | | | |
| | | Western blot of | lysates perfo | rmed using standard western bl | ot reagents and 4-8% SDS-PAGE. |
| ADDITIONAL INFO | | https://www.bethyl.com/product/A301–548A | | | |
| | | | | DS, a current list of citations, and ps://www.bethyl.com/content/p | d other product specific information. protocol_IP_WB |
| | | | | | |

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

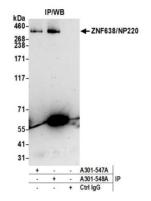
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Detection of human ZNF638/NP220 by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ZNF638/NP220 antibody A301-548A (lot A301-548A-3) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds. Detection of mouse ZNF638/NP220 by western blot.

Samples: Whole cell lysate (50 µg) from NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-ZNF638/NP220 antibody A301-548A (lot A301-548A-3) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.



Detection of human ZNF638/NP220 by western blot of

immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-ZNF638/NP220 antibody A301–548A (lot A301–548A–3) used for IP at 6 µg per reaction. ZNF638/NP220 was also immunoprecipitated by rabbit anti-ZNF638/NP220 antibody A301–547A. For blotting immunoprecipitated ZNF638/NP220, A301–548A was used at 0.2 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.

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