

ZNF451 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID Q9Y4E5.2

Catalog No. A305-177A

GeneID 26036

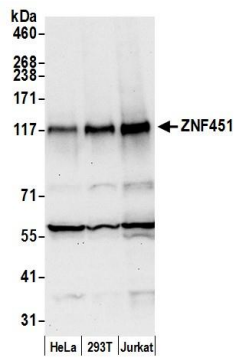
Lot No. A305-177A-1



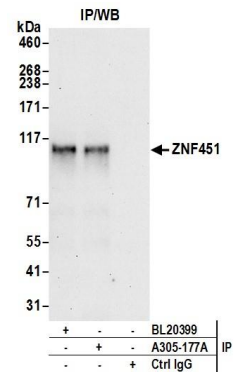
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|------------------------------|---|
| APPLICATIONS | WB, IP |
| SPECIES REACTIVITY | Human |
| PRESUMED REACTIVITY | Based on 100% sequence identity, this antibody is predicted to react with Mouse |
| AMOUNT | 100 µl |
| CONCENTRATION | 1000 µg/ml |
| STORAGE/SHELF LIFE | 2 - 8° C / 1 year from date of receipt |
| PHYSICAL STATE | Liquid |
| BUFFER | Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| ISOTYPE | IgG |
| ORIGIN | USA |
| PRODUCTION PROCEDURES | <p>Antibody was affinity purified using an epitope specific to ZNF451 immobilized on solid support.</p> <p>The epitope recognized by A305-177A maps to a region between residue 1011 to 1061 of human Zinc finger protein 451 using the numbering given in entry Q9Y4E5.2 (GeneID 26036).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p> |
| APPLICATIONS | <p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot 1:2,000 - 1:10,000</p> <p>Immunoprecipitation 2 - 10 µg/mg lysate</p> |
| APPLICATION NOTES | <p>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).</p> <p>Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.</p> |
| ADDITIONAL INFO | <p>https://www.bethyl.com/product/A305-177A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB</p> |

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



Detection of human ZNF451 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-ZNF451 antibody A305-177A (lot A305-177A-1) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human ZNF451 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-ZNF451 antibody A305-177A (lot A305-177A-1) used for IP at 6 μ g per reaction. ZNF451 was also immunoprecipitated by rabbit anti-ZNF451 antibody BL20399. For blotting immunoprecipitated ZNF451, A305-177A was used at 0.4 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.