

# UTP18/WDR50 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_057085.2

Catalog No. A301-552A

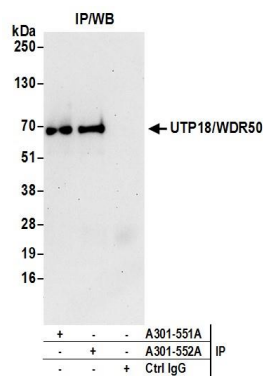
GeneID 51096

Lot No. A301-552A-2



APPLICATIONS	IP
SPECIES REACTIVITY	Human
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	Antibody was affinity purified using an epitope specific to UTP18/WDR50 immobilized on solid support.  The epitope recognized by A301-552A maps to a region between residue 325 and 375 of human small subunit (SSU) processome component UTP18 (WD repeat domain 50) using the numbering given in entry NP_057085.2 (GeneID 51096).  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 Not recommended. Use rabbit anti-UTP18/WDR50 antibody A301-551A.  Immunoprecipitation 2 – 5 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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).
ADDITIONAL INFO	<a href="https://www.bethyl.com/product/A301-552A">https://www.bethyl.com/product/A301-552A</a> Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: <a href="https://www.bethyl.com/content/protocol_IP_WB">https://www.bethyl.com/content/protocol_IP_WB</a>

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 UTP18/WDR50 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-UTP18/WDR50 antibody A301-552A (lot A301-552A-2) used for IP at 3 µg per reaction. UTP18/WDR50 was also immunoprecipitated by rabbit anti-UTP18/WDR50 antibody A301-551A. For blotting immunoprecipitated UTP18/WDR50, A301-551A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.