UPAR Antibody

Rabbit Polyclonal
Antigen Affinity Purified
Catalog No. A304-463A
Lot No. A304-463A-1

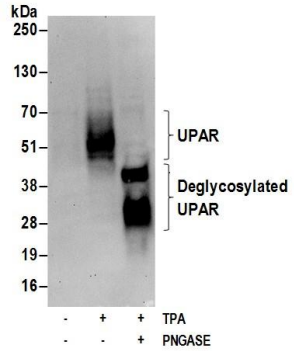
Protein ID NP_002650.1
GeneID 5329

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Chimpanzee
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 UPAR immobilized on solid support. The epitope recognized by A304-463A maps to a region between residue 175 to 225 of human Urokinase-Type Plasminogen Activator (uPA) Receptor using the numbering given in entry NP_002650.1 (GeneID 5329). Antibody 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.

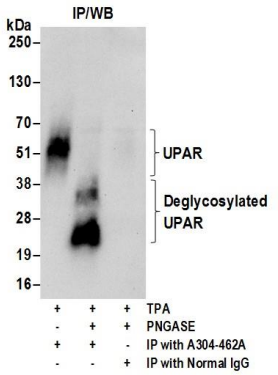
Western Blot	1:500 - 1:2,500
Immunoprecipitation	2 - 10 µg/mg lysate

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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
ADDITIONAL INFO	https://www.bethyl.com/product/A304-463A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/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



Detection of human glycosylated and deglycosylated UPAR by western blot. *Samples:* Whole cell lysate (50 µg) from U-937 cells incubated with (+) or without (-) TPA (200nM, 72 hrs) and lysed using NETN lysis buffer. The lysate was then treated (+) or mock treated (-) with PnGase F. *Antibodies:* Affinity purified rabbit anti-UPAR antibody A304-463A (lot A304-463A-1) used for WB at 1.0 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human glycosylated and deglycosylated UPAR by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from U-937 cells incubated with (+) or without (-) TPA (200nM, 72 hrs) and lysed using NETN lysis buffer. The lysate was then treated (+) or mock treated (-) with PnGase F. *Antibodies:* Affinity purified rabbit anti-UPAR antibody A304-462A (lot A304-462A-1) used for IP at 6 µg per reaction. For blotting immunoprecipitated UPAR, A304-463A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.