

# USP4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID AAB72237.1

Catalog No. A300-830A

GeneID 7375

Lot No. A300-830A-3



<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Dog, Horse, Rabbit, Guinea pig_10141, Pig, Panda, Orangutan, Monkey and Chimpanzee
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to USP4 immobilized on solid support.

The epitope recognized by A300-830A maps to a region between residue 925 and the C-terminus (residue 963) of human Ubiquitin Specific Protease 4 using the numbering given in entry AAB72237.1 (GeneID 7375).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

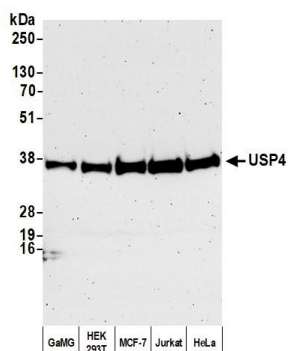
**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:1,000 – 1:5,000

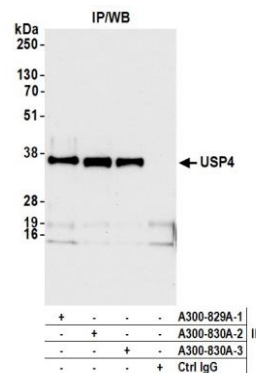
Immunoprecipitation 2 – 10 µg/mg lysate

**ADDITIONAL INFO** <https://www.bethyl.com/product/A300-830A>  
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](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.  
Brian McWilliams, PhD Date: May 6, 2021



**Detection of human USP4 by western blot.** *Samples:* Whole cell lysate (50 µg) from GaMG, HEK293T, MCF-7, Jurkat, and HeLa cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-USP4 antibody (A300-830A lot 3) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



**Detection of human USP4 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-USP4 antibody (A300-830A lot 3) used for IP at 6 µg per reaction. USP4 was also immunoprecipitated by a previous lot of this antibody (A300-830A lot 2) and a second antibody against a different epitope of USP4 (A300-829A). For blotting immunoprecipitated USP4, A300-830A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.