

Rabbit anti-Human USP4 Polyclonal Antibody | anti-USP4 antibody

Rabbit anti-USP4 Antibody, Affinity Purified

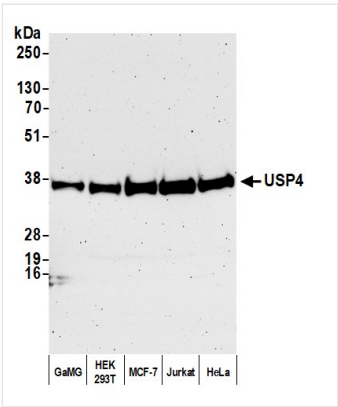
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211170	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

USP4; Polyclonal Antibody; Rabbit anti-USP4 Antibody; Affinity Purified; ubiquitin thiolesterase 4; Unph; UNP; ubiquitous nuclear protein homolog; ubiquitin-specific processing protease 4; ubiquitin thioesterase 4; ubiquitin specific protease 4 (proto-oncogene); ubiquitin specific peptidase 4 (proto-oncogene); ubiquitin carboxyl-terminal hydrolase 4; ubiquitin carboxyl-terminal esterase 4; deubiquitinating enzyme 4; Ubiquitin-specific-processing protease 4; Ubiquitin carboxyl-terminal hydrolase 4; ubiquitin specific peptidase 4; anti-USP4 antibody

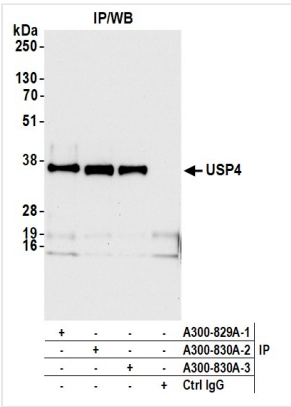
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-USP4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Dog, Horse, Rabbit, Pig, Panda, Orangutan, Monkey, Chimpanzee
Immunogen	Between 913 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human USP4 by western blot. Samples: Whole cell lysate (50 ug) from GaMG, HEK293T, MCF-7, Jurkat, and HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-USP4 antibody (AAA211170 lot 3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

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 (AAA211170 lot 3) used for IP at 6 ug per reaction. USP4 was also immunoprecipitated by a previous lot of this antibody (AAA211170 lot 2) and a second antibody against a different epitope of USP4 . For blotting immunoprecipitated USP4, AAA211170 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-USP4 antibody	Ubiquitin (Ub) is a highly conserved protein found ubiquitously in eukaryotic organisms. The conjugation of ubiquitin to proteins is an important means to regulate protein activity for many cellular processes by tagging them for degradation. Removal of Ub can rescue proteins from degradation. This is accomplished by the ubiquitin-specific processing protease (UBP) family of enzymes. Ubiquitin specific processing protease 4 (USP4) is a member of this family.
Product Categories/Family for anti-USP4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	7375
UniProt Accession #	Q13107
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 4
UniProt Gene Name	USP4
UniProt Synonym Gene Names	UNP; UNPH
UniProt Entry Name	UBP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/usp4-antibody-immunoprecipitation-western-blot-elisa/211170>