

Rabbit anti-Human USP14 Polyclonal Antibody | anti-USP14 antibody

Rabbit anti-USP14 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211220	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

USP14; Polyclonal Antibody; Rabbit anti-USP14 Antibody; Affinity Purified; TGT; ubiquitin thioesterase 14; Ubiquitin-specific-processing protease 14; ubiquitin-specific processing protease 14; ubiquitin thiolesterase 14; ubiquitin specific protease 14 (tRNA-guanine transglycosylase); ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase); tRNA-guanine transglycosylase; 60-kD subunit; deubiquitinating enzyme 14; ubiquitin carboxyl-terminal hydrolase 14; Ubiquitin carboxyl-terminal hydrolase 14; ubiquitin specific peptidase 14; anti-USP14 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-USP14 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Chimpanzee
Immunogen	Between 375 and 425
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human USP14 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug) and HEK293T(50 ug) cells. Antibodies: Affinity purified rabbit anti-USP14 antibody AAA211220 (lot AAA211220-2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human USP14 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-USP14 antibody AAA211220 (lot AAA211220-2) used for IP at 6 ug/mg lysate. USP14 was also immunoprecipitated by a previous lot of this antibody (lot AAA211220-1) and rabbit anti-USP14 antibody For blotting immunoprecipitated USP14, AAA211220 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

**IHC (Immunohistochemistry)**

Detection of human USP14 by immunohistochemistry. Samples: FFPE sections of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-USP14 (Cat. No. AAA211220 Lot2-left and Cat. No. Lot1-right) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

**IHC (Immunohistochemistry)**

Detection of human USP14 by immunohistochemistry. Samples: FFPE sections of human colon carcinoma. Antibody: Affinity purified rabbit anti-USP14 (Cat. No. AAA211220 Lot2-left and Cat. No. Lot1-right) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-USP14 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 14 (USP14) is a member of this family.
Product Categories/Family for anti-USP14 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4827050
NCBI GeneID	9097
NCBI Accession #	NP_005142.1
NCBI GenBank Nucleotide #	NM_005151.3
UniProt Accession #	P54578; Q53XY5
Molecular Weight	56,069 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 14 isoform a
NCBI Official Synonym Full Names	ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase)
NCBI Official Symbol	USP14
NCBI Official Synonym Symbols	TGT
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 14; ubiquitin thioesterase 14; deubiquitinating enzyme 14; ubiquitin thioesterase 14; ubiquitin-specific processing protease 14; ubiquitin-specific-processing protease 14; tRNA-guanine transglycosylase, 60-kD subunit
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 14
UniProt Gene Name	USP14
UniProt Synonym Gene Names	TGT
UniProt Entry Name	UBP14_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/usp14-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211220>