

Rabbit anti-Human Ubiquitin carboxyl-terminal hydrolase 14 Polyclonal Antibody | anti-USP14 antibody

Rabbit anti-human Ubiquitin carboxyl-terminal hydrolase 14 polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229320	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

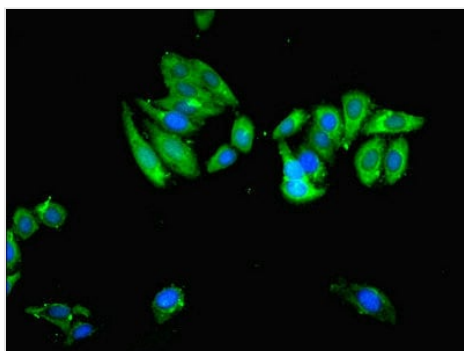
PRODUCT SYNONYMS

Ubiquitin carboxyl-terminal hydrolase 14; Polyclonal Antibody; Rabbit anti-human Ubiquitin carboxyl-terminal hydrolase 14 polyclonal Antibody; Deubiquitinating enzyme 14 Ubiquitin thioesterase 14 Ubiquitin-specific-processing protease 14 USP14 TGT; anti-USP14 antibody

PRODUCT SPECIFICATIONS

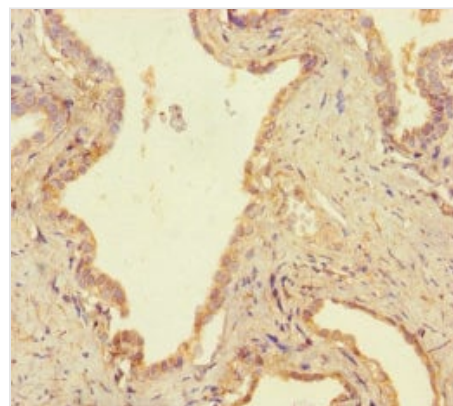
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	459
Applicable Applications for anti-USP14 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Ubiquitin carboxyl-terminal hydrolase 14 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-69074 / sc-69075
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



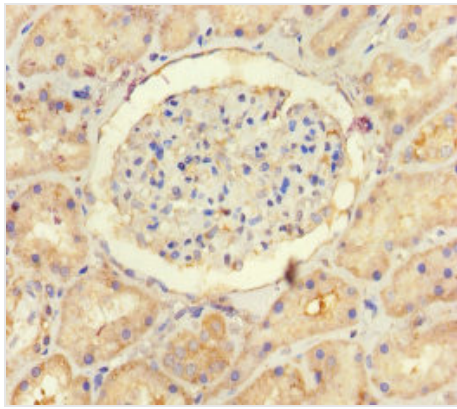
IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA229320 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



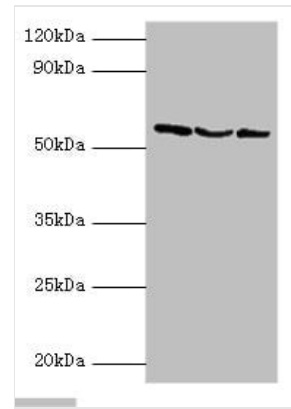
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate cancer using AAA229320 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA229320 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: Ubiquitin carboxyl-terminal hydrolase 14 antibody at 2ug/mlLane 1:Hela whole cell lysateLane 2:293T whole cell lysateLane 3:NIH3T3 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 57,53,55 kDaObserved band size: 56 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-USP14 antibody	Proteasome-associated deubiquitinase which releases ubiquitin from the proteasome targeted ubiquitinated proteins. Ensures the regeneration of ubiquitin at the proteasome. Is a reversibly associated subunit of the proteasome and a large fraction of proteasome-free protein exists within the cell. Required for the degradation of the chemokine receptor CXCR4 which is critical for CXCL12-induced cell chemotaxis. Serves also as a physiological inhibitor of endoplasmic reticulum-associated degradation (ERAD) under the non-stressed condition by inhibiting the degradation of unfolded endoplasmic reticulum proteins via interaction with ERN1. Indispensable for synaptic development and function at neuromuscular junctions (NMJs). This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitylated proteins. Mice with a mutation that results in reduced expression of the ortholog of this protein are retarded for growth, develop severe tremors by 2 to 3 weeks of age followed by hindlimb paralysis and death by 6 to 10 weeks of age. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Product Categories/Family for anti-USP14 antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	82880645
NCBI GeneID	9097
NCBI Accession #	NP_001032411.1
NCBI GenBank Nucleotide #	NM_001037334.1
UniProt Accession #	P54578 ; Q53XY5 ; B7Z4N8 ; J3QRZ5
Molecular Weight	54,770 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 14 isoform b
NCBI Official Synonym Full Names	ubiquitin specific peptidase 14
NCBI Official Symbol	USP14
NCBI Official Synonym Symbols	TGT
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 14
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ubiquitin-carboxyl-terminal-hydrolase-14-antibody-immunohistochemistry-western-blot-elisa/229320>