

Rabbit anti-Human USP1 Polyclonal Antibody | anti-USP1 antibody

USP1 Antibody (C-term)

CATALOG # AAA287586	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

USP1; Polyclonal Antibody; USP1 Antibody (C-term); Ubiquitin carboxyl-terminal hydrolase 1; Deubiquitinating enzyme 1; hUBP; Ubiquitin thioesterase 1; Ubiquitin-specific-processing protease 1; anti-USP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This USP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 607-637 amino acids from the C-terminal region of human USP1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	607-637
Sequence Length	785
Applicable Applications for anti-USP1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

Western blot analysis of anti-USP1 Pab in HepG2 cell line lysate (35ug/lane). USP1(arrow) was detected using the purified Pab

ADDITIONAL INFORMATION

Related Product Information for anti-USP1 antibody	Deubiquitinating enzymes (DUBs) are capable of producing a free ubiquitin moiety from ubiquitin-fused precursors and ubiquitinated proteins in cells. DUBs possess conserved catalytic regions known as the 'cys domain' and the 'his domain.' There are 2 distinct families of DUBs: ubiquitin-specific processing proteases (UBPs, or USPs) and ubiquitin C-terminal hydrolases (UCHs).
Product Categories/Family for anti-USP1 antibody	Cell Biology
References	Puente, X.S., et al., Nat. Rev. Genet. 4(7):544-558 (2003). Fujiwara, T., et al., Genomics 54(1):155-158 (1998). D'Andrea, A., et al., Crit. Rev. Biochem. Mol. Biol. 33(5):337-352 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	63053522
NCBI GeneID	7398
NCBI Accession #	NP_001017415.1; NP_001017416.1; NP_003359.3
NCBI GenBank Nucleotide #	NM_001017415.1
UniProt Accession #	O94782; Q05BX7; Q59H66; Q9UFR0; Q9UNJ3; A0PJ95; D3DQ57
Molecular Weight	88207
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 1
NCBI Official Synonym Full Names	ubiquitin specific peptidase 1
NCBI Official Symbol	USP1
NCBI Official Synonym Symbols	UBP
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 1
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 1
UniProt Gene Name	USP1
UniProt Synonym Gene Names	hUBP
UniProt Entry Name	UBP1_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.