

Product datasheet for **AP12001PU-N**

USP1 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western Blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human USP1.
Specificity:	This antibody is specific to USP1 (C-term).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ubiquitin specific peptidase 1
Database Link:	Entrez Gene 7398 Human O94782



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Background:

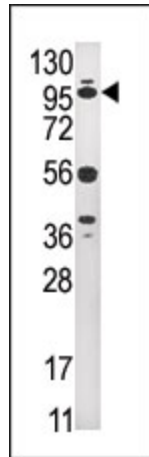
Deubiquitinating enzymes (DUBs) are capable of producing a free ubiquitin moiety from ubiquitin-fused precursors and ubiquitylated proteins in cells. DUBs possess conserved catalytic regions known as the 'cys domain' and the 'his domain.' There are 2 distinct families of DUBs: ubiquitin-specific processing proteases (UBPs, or USPs) and ubiquitin C-terminal hydrolases (UCHs).

Synonyms:

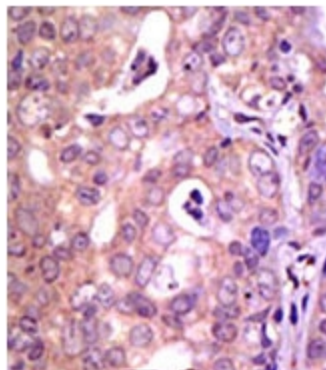
Ubiquitin carboxyl-terminal hydrolase 1, UBP

Note:

Predicted Molecular weight: 88207 Da

Product images:

Western blot analysis of anti-USP1 (C-term) Pab in HepG2 cell line lysate (35ug/lane). USP1 (arrow) was detected using the purified Pab (1:60 dilution)



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