



# Anti-USP7 polyclonal antibody (CPBT-35226RH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit Polyclonal antibody to Human USP7.
<b>Antigen Description</b>	Ubiquitin-specific-processing protease 7 (USP7) also known as ubiquitin carboxyl-terminal hydrolase 7 or herpesvirus-associated ubiquitin-specific protease (HAUSP) is an enzyme that in humans is encoded by the USP7 gene.
<b>Specificity</b>	Widely expressed. Overexpressed in prostate cancer.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein G purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, IHC-P, WB
<b>Sequence Similarities</b>	Belongs to the peptidase C19 family. Contains 1 MATH domain.
<b>Cellular Localization</b>	Nucleus. Cytoplasm. Nucleus # PML body. Present in a minority of ND10 nuclear bodies. Association with ICP0/VMW110 at early times of infection leads to an increased proportion of USP7-containing ND10. Colocalizes with ATXN1 in the nucleus. Colocalized wit
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Preservative: 0.09% Sodium Azide Constituents: PBS

<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">USP7 ubiquitin specific peptidase 7 (herpes virus-associated) [ Homo sapiens ]</a>
<b>Official Symbol</b>	USP7
<b>Synonyms</b>	USP7; ubiquitin specific peptidase 7 (herpes virus-associated); HAUSP,ubiquitin specific protease 7 (herpes virus associated); ubiquitin carboxyl-terminal hydrolase 7; Deubiquitinating enzyme 7; Herpes virus associated ubiquitin specific protease; Herpesvirus-associated ubiquitin-specific protease; TEF 1; tef-1; TEF1; Ubiquitin carboxyl terminal hydrolase 7; Ubiquitin carboxyl-terminal hydrolase 7; Ubiquitin specific peptidase 7 (herpes virus associated); Ubiquitin specific peptidase 7; Ubiquitin specific peptidase 7 herpes virus associated; Ubiquitin specific processing protease 7; Ubiquitin specific protease 7; Ubiquitin specific protease 7 herpes virus associated; Ubiquitin thioesterase 7; Ubiquitin thiolesterase 7; Ubiquitin-specific-processing protease 7; UBP 7; UBP-7; UBP7; UBP7_HUMAN; USP 7; usp-7; USP7; ubiquitin thioesterase 7; deubiquitinating enzyme 7; ubiquitin-specific-processing protease 7; herpesvirus-associated ubiquitin-specific protease; Herpes virus-associated ubiquitin-specific protease; ubiquitin specific protease 7 (herpes virus-associated); TEF1; HAUSP;
<b>Entrez Gene ID</b>	<a href="#">7874</a>
<b>Protein Refseq</b>	<a href="#">NP_003461</a>
<b>UniProt ID</b>	<a href="#">B7ZAX6</a>
<b>Chromosome Location</b>	16p13.3
<b>Pathway</b>	FoxO family signaling, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; p53 pathway, organism-specific biosystem;
<b>Function</b>	cysteine-type endopeptidase activity; p53 binding; peptidase activity; protein C-terminus binding; protein binding; protein homodimerization activity; transcription factor binding; ubiquitin protein ligase binding; ubiquitin thiolesterase activity; ubiqui