

Rabbit anti-Human USP28 Polyclonal Antibody | anti-USP28 antibody

USP28 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231091	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

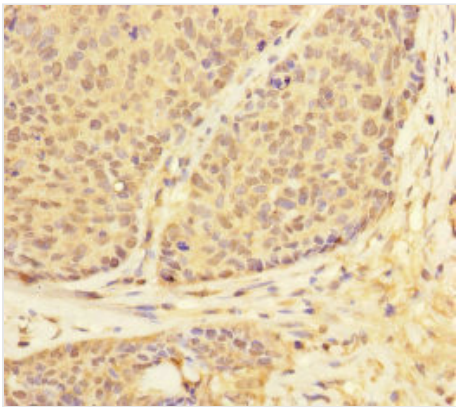
PRODUCT SYNONYMS

USP28; Polyclonal Antibody; USP28 Antibody; Ubiquitin carboxyl-terminal hydrolase 28; Deubiquitinating enzyme 28; Ubiquitin thioesterase 28; Ubiquitin-specific-processing protease 28; KIAA1515; anti-USP28 antibody

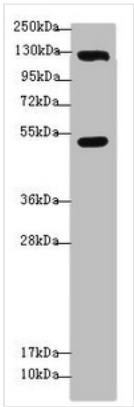
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	1077
Applicable Applications for anti-USP28 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Ubiquitin carboxyl-terminal hydrolase 28 protein (430-580AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-79312
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human ovarian cancer using AAA231091 at dilution of 1:100



WB (Western Blot)
Western blotAll lanes: USP28 antibody at 3.08 ug/ml+ Hela whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 123,120,67 kDaObserved band size: 122,50 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-USP28 antibody	Deubiquitinase involved in DNA damage response checkpoint and MYC proto-oncogene stability. Involved in DNA damage induced apoptosis by specifically deubiquitinating proteins of the DNA damage pathway such as CLSPN. Also involved in G2 DNA damage checkpoint, by deubiquitinating CLSPN, and preventing its degradation by the anaphase promoting complex/cyclosome (APC/C). In contrast, it does not deubiquitinate PLK1. Specifically deubiquitinates MYC in the nucleoplasm, leading to prevent MYC degradation by the proteasome: acts by specifically interacting with isoform 1 of FBXW7 (FBW7alpha) in the nucleoplasm and counteracting ubiquitination of MYC by the SCF(FBW7) complex. In contrast, it does not interact with isoform 4 of FBXW7 (FBW7gamma) in the nucleolus, allowing MYC degradation and explaining the selective MYC degradation in the nucleolus. Deubiquitinates ZNF304, hence preventing ZNF304 degradation by the proteasome and leading to the activated KRAS-mediated promoter hypermethylation and transcriptional silencing of tumor suppressor genes (TSGs) in a subset of colorectal cancers (CRC) cells (PubMed:24623306).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16507200
NCBI GeneID	57646
NCBI Accession #	NP_065937.1
NCBI GenBank Nucleotide #	NM_020886.3
UniProt Accession #	Q96RU2; Q6NZX9; Q9P213; B0YJC0; B0YJC1
Molecular Weight	66,243 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 28 isoform 1
NCBI Official Synonym Full Names	ubiquitin specific peptidase 28
NCBI Official Symbol	USP28
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 28
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 28
UniProt Gene Name	USP28
UniProt Synonym Gene Names	KIAA1515
UniProt Entry Name	UBP28_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/usp28-antibody-immunohistochemistry-western-blot-elisa/231091>