USP28 Antibody HRP Conjugated

Catalog No: #C06028H

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Description

Product Name	USP28 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human USP28
Conjugates	HRP
Target Name	USP28
Other Names	Deubiquitinating enzyme 28; KIAA1515; Ubiquitin carboxyl terminal hydrolase 28; Ubiquitin carboxyl-terminal hydrolase 28; Ubiquitin specic peptidase 28; Ubiquitin specic processing protease 28; Ubiquitin specic protease 28; Ubiquitin thioesterase 28; Ubiquitin thiolesterase 28; Ubiquitin-specic-proc
Accession No.	NCBI Gene ID57646
Uniprot	Q96RU2
GeneID	57646;
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200

Background

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.

Note: This product is for in vitro research use only