

Anti-UBP1 antibody



Description	Unconjugated Rabbit polyclonal to UBP1
Model	STJ191567
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Gene ID	7398
Gene Symbol	USP1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	UBP1 Polyclonal Antibody detects endogenous levels of protein.
Purification	UBP1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ubiquitin carboxyl-terminal hydrolase 1 Deubiquitinating enzyme 1 hUBP Ubiquitin thioesterase 1 Ubiquitin-specific-processing protease 1
Molecular Weight	86 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.

Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12607OMIM:603478
Alternative Names	Ubiquitin carboxyl-terminal hydrolase 1 Deubiquitinating enzyme 1 hUBP Ubiquitin thioesterase 1 Ubiquitin-specific-processing protease 1
Function	Negative regulator of DNA damage repair which specifically deubiquitinates monoubiquitinated FANCD2 . Also involved in PCNA-mediated translesion synthesis (TLS) by deubiquitinating monoubiquitinated PCNA . Has almost no deubiquitinating activity by itself and requires the interaction with WDR48 to have a high activity .
Cellular Localization	Nucleus
Post-translational Modifications	Autocatalytic cleavage of USP1 following UV irradiation inactivates it leading to an increase in ubiquitinated PCNA, recruitment of POLH and translesion synthesis. Ubiquitinated; leading to its subsequent proteasomal degradation.

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