

Datasheet for ABIN7120490 **anti-USP1 antibody**

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Overview

Quantity:	100 µg
Target:	USP1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This USP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	ubiquitin specific peptidase 1
Clone:	8F7
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	USP1
Alternative Name:	USP1 (USP1 Products)
Background:	Synonyms:Deubiquitinating enzyme 1, hUBP, ubiquitin specific peptidase 1, Ubiquitin thiolesterase 1, UBP, USP1 Background:Negative regulator of DNA damage repair which

Target Details

specifically deubiquitinates monoubiquitinated FANCD2(PubMed:15694335). Also involved in PCNA-mediated translesion synthesis(TLS) by deubiquitinating monoubiquitinated PCNA(PubMed:16531995). Has almost no deubiquitinating activity by itself and requires the interaction with WDR48 to have a high activity(PubMed:18082604, PubMed:26388029).

Molecular Weight:	90 kDa
Gene ID:	7398
UniProt:	O94782

Application Details

Application Notes:	WB: 1:1000-1:10000, IHC: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months