

Datasheet for ABIN7120489 **anti-USP1 antibody**

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Overview

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

Product Details

Immunogen:	ubiquitin specific peptidase 1
Isotype:	IgG
Purification:	Immunogen affinity purified
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 specifically deubiquitinates monoubiquitinated FANCD2(PubMed:15694335). Also involved in PCNA-mediated translesion synthesis(TLS) by deubiquitinating monoubiquitinated

Target Details

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: 100 kDa

Gene ID: 7398

UniProt: [O94782](#)

Application Details

Application Notes: WB: 1:200-1:2000, IHC: 1:20-1:200, IP: 1:200-1:1000

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