

Datasheet for ABIN2788015
anti-USP1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	USP1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Pig, Rabbit, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human USP1
Sequence:	SETSDTTGTH ESDRNKESD QTGINISGFE NKISYVVQSL KEYEGKWLLF
Predicted Reactivity:	Cow: 92%, Dog: 86%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 93%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against USP1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	USP1
Alternative Name:	USP1 (USP1 Products)

Target Details

Background:	<p>This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinated proteins. The protein specifically deubiquitinates a protein in the Fanconi anemia (FA) DNA repair pathway. Alternate transcriptional splice variants have been characterized.</p> <p>Alias Symbols: UBP</p> <p>Protein Interaction Partner: WDR48, UBC, DTX3, TRIM46, PHF7, TRAF6, UBE2A, UNC45A, VPS36, WDR5, VPS26A, CSE1L, PHLPP1, PCNA, SUMO2, ATAD5, ID2, FANCD2, USP1, DSG1, DSC1, CALML3, ANXA2P2, ALDH16A1, CALML5, PHLPP2, TAGLN2, USP4, PKP1, MYH9, LYZ, LGALS7, KRT17, KRT4, KPNA1, JUP, HSPB1,</p> <p>Protein Size: 785</p>
Molecular Weight:	88 kDa
Gene ID:	7398
NCBI Accession:	NM_003368 , NP_003359
UniProt:	O94782

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 785 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

