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Datasheet for ABIN2788021  
**anti-USP2 antibody (N-Term)**

2 Images

Overview

Quantity:	100 µL
Target:	USP2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human USP2
Sequence:	LLDYDRGRPL LRPDITGGGK RAESQTRGTE RPLGSGLSGG SGFPYGVTTN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 83%, Pig: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against USP2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	USP2
Alternative Name:	USP2 ( <a href="#">USP2 Products</a> )

## Target Details

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Background:	<p>Ubiquitin (MIM 191339), a highly conserved protein involved in the regulation of intracellular protein breakdown, cell cycle regulation, and stress response, is released from degraded proteins by disassembly of the polyubiquitin chains. The disassembly process is mediated by ubiquitin-specific proteases (USPs). Also see USP1 (MIM 603478).</p> <p>Alias Symbols: UBP41, USP9</p> <p>Protein Interaction Partner: TRIM27, NEFL, VPS52, KRT15, KIFC3, GOLGA2, CCDC36, CCDC57, KRT40, LHX4, LZTS2, NDEL1, CCDC136, HOOK1, MTUS2, HOMER3, PNMA1, TRAF6, TRAF2, RAD18, MAP3K2, UBC, BAP1, MDM4, RNF11, IKBKG, ZNF598, TRIM74, RNF144B, LNX2, DTX3, RNF166, TRIM9, LONRF1, LRSAM1, TRI</p> <p>Protein Size: 605</p>
Molecular Weight:	68 kDa
Gene ID:	9099
NCBI Accession:	<a href="#">NM_004205</a> , <a href="#">NP_004196</a>
UniProt:	<a href="#">O75604</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 605 AA
Restrictions:	For Research Use only

## Handling

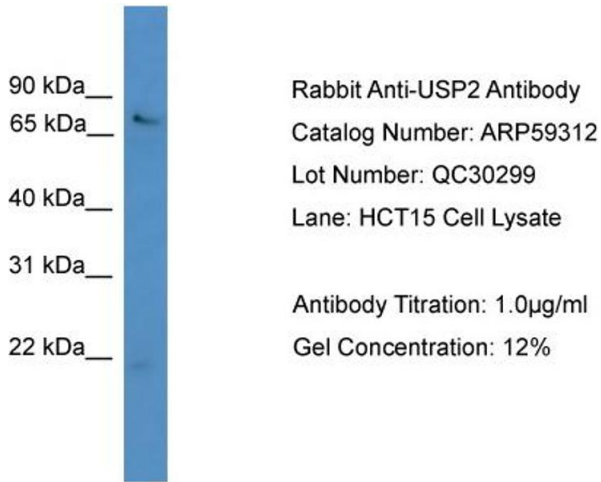
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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND 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



### Western Blotting

**Image 1.** WB Suggested Anti-USP2

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: HCT15 cell lysate



### Western Blotting

**Image 2. WB Suggested Anti-USP2 Antibody Titration: 0.2-1 µg/ml**

**ELISA Titer:** 1:312500

**Positive Control:** HCT15 cell lysate