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Datasheet for ABIN2788020
anti-USP2 antibody (Middle Region)

2 Images

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human USP2
Sequence:	NEVNRVTLRP KSNPENLDHL PDDEKGRQMW RKYLEREDSR IGDLFVQQLK
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 79%, Rabbit: 100%, Rat: 93%
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 (USP2 Products)

Target Details

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:	NM_004205 , NP_004196
UniProt:	O75604

Application Details

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

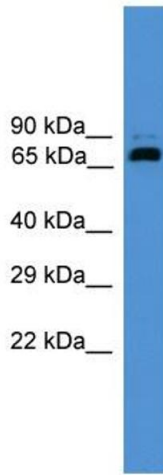
Handling

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



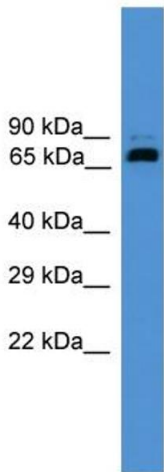
Western Blotting

Image 1. WB Suggested Anti-USP2 Antibody Titration: 0.2-

1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human brain



Rabbit Anti-USP2 Antibody
Catalog Number: ARP59311
Lot Number: QC30210
Lane: Fetal Brain Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-USP2

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

Positive Control: Human brain