



[Go to Product page](#)

Datasheet for ABIN7091801
anti-USP2 antibody (AA 1-258)

Overview

Quantity:	100 µL
Target:	USP2
Binding Specificity:	AA 1-258
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This USP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant human USP2 between 1-258 amino acids.
Clone:	1738CT331-50-87
Isotype:	IgG1
Cross-Reactivity:	Green Monkey, Human
Purification:	Purified by Protein G.

Target Details

Target:	USP2
Alternative Name:	USP2 (USP2 Products)
Background:	Synonyms: Ubiquitin carboxyl-terminal hydrolase 2, 3.4.19.12, 41 kDa ubiquitin-specific

Target Details

protease, Deubiquitinating enzyme 2, Ubiquitin thioesterase 2, Ubiquitin-specific-processing protease 2, USP2, UBP41

Background: This gene encodes a member of the family of de-ubiquitinating enzymes, which belongs to the peptidase C19 superfamily. The encoded protein is a ubiquitin-specific protease which is required for TNF-alpha (tumor necrosis factor alpha) -induced NF-kB (nuclear factor kB) signaling. This protein deubiquitinates polyubiquitinated target proteins such as fatty acid synthase, murine double minute 2 (MDM2), MDM4/MDMX and cyclin D1. MDM2 and MDM4 are negative regulators of the p53 tumor suppressor and cyclin D1 is required for cell cycle G1/S transition. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011]

Gene ID: 9099

UniProt: [O75604](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months