

A1433

Leader in Biomolecular Solutions for Life Science



USP2 Rabbit pAb

Catalog No.: A1433

Basic Information

Observed MW

68kDa

Calculated MW

68kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human,Rat

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.

Recommended Dilutions

WB 1:200 - 1:500

Immunogen Information

Gene ID

9099

Swiss Prot

O75604

Immunogen

A synthetic peptide of human USP2

Synonyms

USP9; UBP41; USP2

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

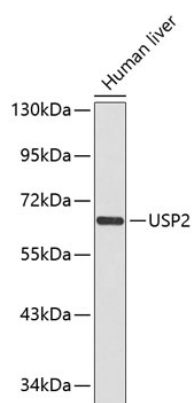
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,pH7.3.

Validation Data



Western blot analysis of extracts of human liver, using USP2 antibody (A1433).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.