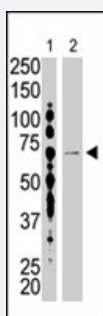


USP2 polyclonal antibody

Catalog # PAB3914

Size 400 uL

Applications



Western Blot (Cell lysate)

The USP2 polyclonal antibody (Cat # PAB3914) is used in Western blot to detect USP2 in HL-60 (lane 1) and USP2-transfected HeLa cell lysates (lane 2). Transfection data is kindly provided by Dr. B. Pierrat from the Novartis Institute for Biomedical Research (Basel, Switzerland).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of USP2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human USP2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Gene Info — USP2

Entrez GeneID [9099](#)

Protein Accession# [UBP2_HUMAN](#)

Gene Name USP2

Gene Alias UBP41, USP9

Gene Description ubiquitin specific peptidase 2

Omim ID [604725](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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).[supplied by OMIM]

Other Designations ubiquitin carboxyl-terminal hydrolase 2 variant 1|ubiquitin carboxyl-terminal hydrolase 2 variant 2|ubiquitin specific protease 12|ubiquitin specific protease 2|ubiquitin specific protease 9

Publication Reference

- [Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences.](#)

Strausberg RL, Feingold EA, Grouse LH, Derge JG, Klausner RD, Collins FS, Wagner L, Shenmen CM, Schuler GD, Altschul SF, Zeeberg B, Buetow KH, Schaefer CF, Bhat NK, Hopkins RF, Jordan H, Moore T, Max SI, Wang J, Hsieh F, Diatchenko L, Marusina K, Farmer AA, Rubin GM, Hong L, Stapleton M, Soares MB, Bonaldo MF, Casavant TL, Scheetz TE, Brownstein MJ, Ustin TB, Toshiyuki S, Carninci P, Prange C, Raha SS, Loquellano NA, Peters GJ, Abramson RD, Mullahy SJ, Bosak SA, McEwan PJ, McKernan KJ, Malek JA,

PNAS 2002 Dec; 99(26):16899.

Disease

- [Genetic Predisposition to Disease](#)
- [Obesity](#)