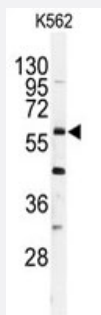


USP2 polyclonal antibody

Catalog # PAB3915

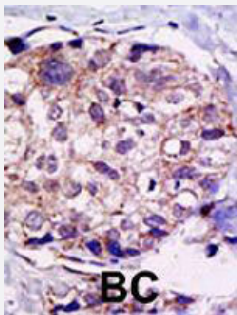
Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of USP2 polyclonal antibody (Cat # PAB3915) in K-562 cell line lysates (35 ug/lane). USP2 (arrow) was detected using the purified polyclonal antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with USP2 polyclonal antibody (Cat # PAB3915), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

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	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:2000) 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)

Western blot analysis of USP2 polyclonal antibody (Cat # PAB3915) in K-562 cell line lysates (35 ug/lane). USP2 (arrow) was detected using the purified polyclonal antibody.

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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

- [Retraction for D. R. Zweitzig, N. Shcherbik, and D. S. Haines: AAA ATPase P97 and adaptor UBXD1 suppress MDM2 ubiquitination and degradation and promote constitutive P53 turnover.](#)

Zweitzig DR, Shcherbik N, Haines DS.

Mol Biol Cell 2008 Sep; 19(11):5029.

Disease

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