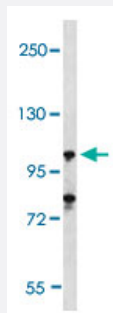


# USP16 polyclonal antibody

Catalog # PAB4203      Size 400 uL

## Applications



### Western Blot (Cell lysate)

USP16 polyclonal antibody of western blot analysis in SK-BR-3 cell line lysates (35 ug/lane).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of USP16.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to amino acids 132-160 of human USP16.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein G purification
<b>Recommend Usage</b>	ELISA Western Blot (1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide).
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

USP16 polyclonal antibody of western blot analysis in SK-BR-3 cell line lysates (35 ug/lane).

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — USP16

**Entrez GeneID** [10600](#)

**Protein Accession#** [Q9Y5T5](#)

**Gene Name** USP16

**Gene Alias** UBP-M

**Gene Description** ubiquitin specific peptidase 16

**Omim ID** [604735](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes a deubiquitinating enzyme that is phosphorylated at the onset of mitosis and then dephosphorylated at the metaphase/anaphase transition. It can deubiquitinate H2A, one of two major ubiquitinated proteins of chromatin, in vitro and a mutant form of the protein was shown to block cell division. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

**Other Designations** OTTHUMP00000096468|deubiquitinating enzyme 16|ubiquitin carboxyl-terminal hydrolase 16|ubiquitin specific protease 16|ubiquitin thiolesterase 16|ubiquitin-specific processing protease 16

## Publication Reference

- [Human and mouse proteases: a comparative genomic approach.](#)

Puente XS, Sanchez LM, Overall CM, Lopez-Otin C.

Nature Reviews. Genetics 2003 Jul; 4(7):544.

- [A mutant deubiquitinating enzyme \(Ubp-M\) associates with mitotic chromosomes and blocks cell division.](#)

Cai SY, Babbitt RW, Marchesi VT.

PNAS 1999 Mar; 96(6):2828.

- [Deubiquitinating enzymes: a new class of biological regulators.](#)

D'Andrea A, Pellman D.

Critical Reviews in Biochemistry and Molecular Biology 1998 Jan; 33(5):337.