

## ARG63336 anti-USP16 / UBP-M antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes USP16 / UBP-M
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	IHC-P
Specificity	This antibody is expected to recognise isoform a (NP_006438.1) and isoform b (NP_001001992.1). Reported variants represent identical protein (NP_006438.1; NP_001027582.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	USP16 / UBP-M
Species	Human
Immunogen	GKKRTKGKTPIDD-C
Conjugation	Un-conjugated
Alternate Names	UBP-M; Deubiquitinating enzyme 16; Ubiquitin-processing protease UBP-M; Ubiquitin thioesterase 16; Ubiquitin-specific-processing protease 16; UBPM; EC 3.4.19.12; Ubiquitin carboxyl-terminal hydrolase 16

### Application Instructions

Application table	Application	Dilution
	IHC-P	4 - 6 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Tris/EDTA buffer (pH 9.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note**

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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**Database links**

[GeneID: 10600 Human](#)

[Swiss-port # Q9Y5T5 Human](#)

**Background**

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, Jul 2008]

**Research Area**

Cell Biology and Cellular Response antibody; Gene Regulation antibody

**Calculated Mw**

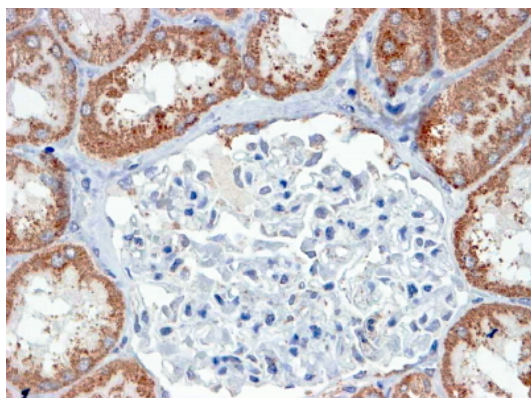
94 kDa

**PTM**

Phosphorylated at the onset of mitosis and dephosphorylated during the metaphase/anaphase transition. Phosphorylation by AURKB enhances the deubiquitinase activity.

## Images

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ARG63336 anti-USP16 / UBP-M antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Human Kidney. (Steamed antigen retrieval with Tris/EDTA buffer pH 9) stained with ARG63336 anti-USP16 / UBP-M antibody at 4 µg/ml dilution followed by HRP-staining.