

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	GKKRTKGKTVPIDD-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

Database links [GeneID: 10600 Human](#)

[Swiss-port # Q9Y5T5 Human](#)

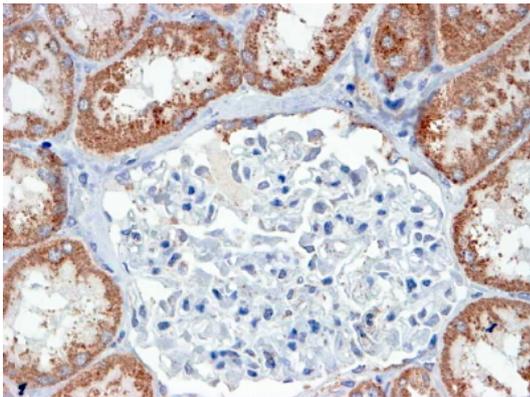
Background This gene encodes a deubiquitinating enzyme that is phosphorylated at the onset of mitosis and then dephosphorylated at the metaphase/anaphase transition. It can deubiquitinate H2A, one of two major ubiquitinated proteins of chromatin, in vitro and a mutant form of the protein was shown to 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



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.