

## ARG63361 anti-USP20 / VDU2 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes USP20 / VDU2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	IHC-P, WB
Specificity	Reported variants represent identical protein (NP_006667.3; NP_001103773.2; NP_001008563.2).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	USP20 / VDU2
Species	Human
Immunogen	C-HGEQKIEAETRAV
Conjugation	Un-conjugated
Alternate Names	Ubiquitin carboxyl-terminal hydrolase 20; LSF3A; VDU2; VHL-interacting deubiquitinating enzyme 2; Ubiquitin-specific-processing protease 20; hVDU2; Deubiquitinating enzyme 20; Ubiquitin thioesterase 20; EC 3.4.19.12

### Application Instructions

Application table	Application	Dilution
	IHC-P	3 µg/ml
	WB	1 - 3 µg/ml
Application Note	IHC-P: Antigen Retrieval: Microwaved tissue section in Tris/EDTA buffer (pH 9.0). WB: Recommend incubate at RT for 1h. * 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

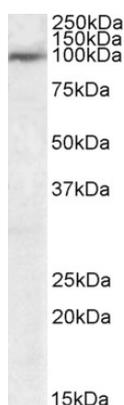
Database links	<a href="#">GeneID: 10868 Human</a> <a href="#">Swiss-port # Q9Y2K6 Human</a>
Background	This gene encodes a ubiquitin specific processing protease that was first identified as a substrate of the VHL (von Hippel-Lindau disease) protein E3 ubiquitin ligase complex. In addition to being ubiquitinated by the VHL-E3 ligase complex, this enzyme deubiquitinates hypoxia-inducible factor (HIF)-1 alpha and thereby causes increased expression of HIF-1alpha targeted genes which play a role in angiogenesis, glucose metabolism, cell proliferation and metastasis. The enzyme encoded by this gene also regulates G-protein coupled receptor signaling by mediating the deubiquitination of beta-2 adrenergic receptor (ADRB2). This enzyme is a ubiquitously expressed thiolester hydrolase. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jan 2013]
Research Area	Cell Biology and Cellular Response antibody; Gene Regulation antibody
Calculated Mw	102 kDa
PTM	Ubiquitinated via a VHL-dependent pathway for proteasomal degradation.

## Images



ARG63361 anti-USP20 / VDU2 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Lymph Node. (Microwaved antigen retrieval with Tris/EDTA buffer pH9) stained with ARG63361 anti-USP20 / VDU2 antibody at 3 µg/ml dilution followed by HRP-staining.



ARG63361 anti-USP20 / VDU2 antibody WB image

Western blot: 35 µg of Human Tonsil lysate (in RIPA buffer) stained with ARG63361 anti-USP20 / VDU2 antibody at 1 µg/ml dilution and incubated at RT for 1 hour.