

## ARG63331 anti-USP15 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes USP15
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	USP15
Species	Human
Immunogen	NDIENENCMHTN
Conjugation	Un-conjugated
Alternate Names	Deubiquitinating enzyme 15; Unph-2; Unph4; UNPH4; UNPH-2; Ubiquitin thioesterase 15; Ubiquitin carboxyl-terminal hydrolase 15; Ubiquitin-specific-processing protease 15; EC 3.4.19.12

### Application Instructions

Application table	Application	Dilution
	IHC-P	2 - 4 µg/ml

**Application Note**  
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).  
\* 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: 9958 Human](#)

[Swiss-port # Q9Y4E8 Human](#)

### Background

This gene encodes a member of the ubiquitin specific protease (USP) family of deubiquitinating enzymes. USP enzymes play critical roles in ubiquitin-dependent processes through polyubiquitin chain disassembly and hydrolysis of ubiquitin-substrate bonds. The encoded protein associates with the COP9 signalosome, and also plays a role in transforming growth factor beta signalling through deubiquitination of receptor-activated SMAD transcription factors. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 2. [provided by RefSeq, Nov 2011]

### Research Area

Cell Biology and Cellular Response antibody; Gene Regulation antibody

### Calculated Mw

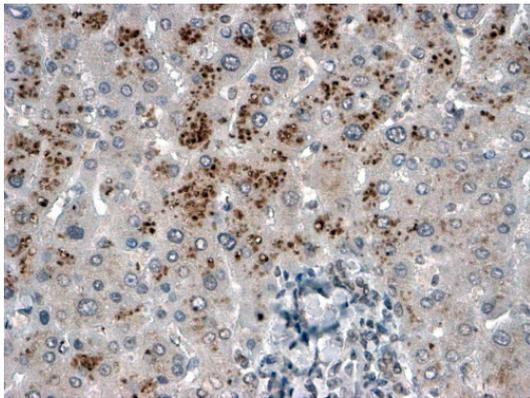
112 kDa

### PTM

Phosphorylated. Phosphorylation protects against ubiquitination and subsequent degradation by the proteasome.  
Ubiquitinated, leading to degradation by the proteasome.

## Images

---



ARG63331 anti-USP15 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Liver. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63331 anti-USP15 antibody at 2 µg/ml dilution followed by HRP-staining.