

Datasheet for ABIN7174262  
**anti-USP15 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	USP15
Binding Specificity:	AA 1-260, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP15 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Ubiquitin carboxyl-terminal hydrolase 15 protein (1-260AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

Target:	USP15
Alternative Name:	USP15 ( <a href="#">USP15 Products</a> )
Background:	Background: Hydrolase that removes conjugated ubiquitin from target proteins and regulates various pathways such as the TGF-beta receptor signaling and NF-kappa-B pathways. Acts as a

## Target Details

key regulator of TGF-beta receptor signaling pathway, but the precise mechanism is still unclear: according to a report, acts by promoting deubiquitination of monoubiquitinated R-SMADs (SMAD1, SMAD2 and/or SMAD3), thereby alleviating inhibition of R-SMADs and promoting activation of TGF-beta target genes (PubMed:21947082). According to another reports, regulates the TGF-beta receptor signaling pathway by mediating deubiquitination and stabilization of TGFBR1, leading to an enhanced TGF-beta signal (PubMed:22344298). Able to mediate deubiquitination of monoubiquitinated substrates as well as Lys-48-linked polyubiquitin chains, protecting them against proteasomal degradation. May also regulate gene expression and/or DNA repair through the deubiquitination of histone H2B (PubMed:24526689). Acts as an associated component of COP9 signalosome complex (CSN) and regulates different pathways via this association: regulates NF-kappa-B by mediating deubiquitination of NFKBIA and deubiquitinates substrates bound to VCP. Protects APC and human papillomavirus type 16 protein E6 against degradation via the ubiquitin proteasome pathway.

Aliases: Deubiquitinating enzyme 15 antibody, Deubiquitinating enzyme antibody, EC 3 1 2 15 antibody, KIAA0529 antibody, MGC131982 antibody, MGC149838 antibody, MGC74854 antibody, Ubiquitin Carboxy terminal Hydrolase 15 antibody, Ubiquitin carboxyl-terminal hydrolase 15 antibody, Ubiquitin specific peptidase 15 antibody, Ubiquitin specific processing protease 15 antibody, Ubiquitin Specific Protease 15 antibody, Ubiquitin thioesterase 15 antibody, Ubiquitin thiolesterase 15 antibody, Ubiquitin-specific-processing protease 15 antibody, UBP 15 antibody, UBP15 antibody, UBP15\_HUMAN antibody, Unph 2 antibody, UNPH 4 antibody, Unph-2 antibody, Unph2 antibody, Unph4 antibody, USP 15 antibody, Usp15 antibody

UniProt: [Q9Y4E8](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

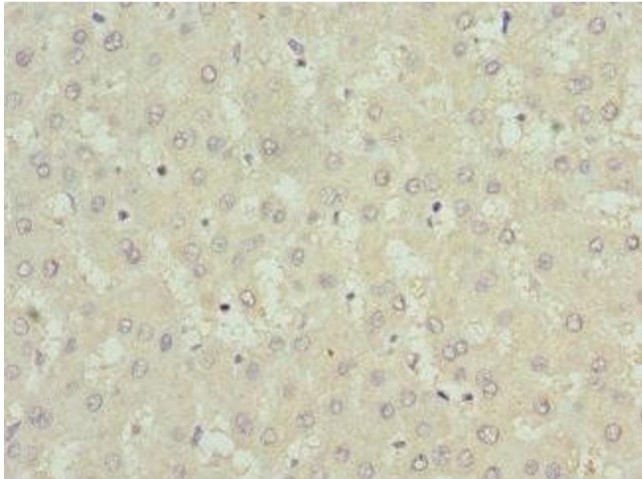
## Handling

should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7174262 at dilution of 1:100