

Datasheet for ABIN7174389  
**anti-YOD1 antibody (AA 1-44)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	YOD1
Binding Specificity:	AA 1-44
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YOD1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Ubiquitin thioesterase OTU1 protein (1-44AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	YOD1
Alternative Name:	YOD1 ( <a href="#">YOD1 Products</a> )
Background:	Background: Hydrolase that can remove conjugated ubiquitin from proteins and participates in endoplasmic reticulum-associated degradation (ERAD) for misfolded luminal proteins. May act

## Target Details

by trimming the ubiquitin chain on the associated substrate to facilitate their threading through the VCP/p97 pore. Ubiquitin moieties on substrates may present a steric impediment to the threading process when the substrate is transferred to the VCP pore and threaded through VCP's axial channel. Mediates deubiquitination of Lys-27-linked, Lys-29-linked and Lys-33-linked polyubiquitin chains. Also able to hydrolyze Lys-11-linked ubiquitin chains. Cleaves both polyubiquitin and di-ubiquitin.

Aliases: DUBA-8 antibody, DUBA8 antibody, HIN-7 antibody, HIV-1-induced protease 7 antibody, HsHIN7 antibody, OTU domain containing 2 antibody, OTU domain-containing protein 2 antibody, OTU1\_HUMAN antibody, OTUD2 antibody, PRO0907 antibody, RP11-164023.1 antibody, Ubiquitin thioesterase OTU1 antibody, yod1 antibody, YOD1 OTU deubiquinating enzyme 1 homolog (S. cerevisiae) antibody, YOD1 OTU deubiquinating enzyme 1 homolog (yeast) antibody, YOD1 OTU deubiquinating enzyme 1, S. cerevisiae, homolog of antibody

UniProt: [Q5VVQ6](#)

Pathways: [ER-Nucleus Signaling](#)

## Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

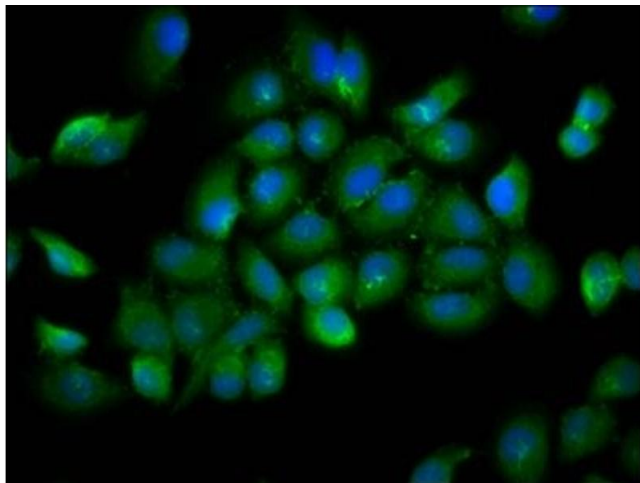
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which 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.



#### Immunofluorescence

**Image 1.** Immunofluorescence staining of A549 cells with ABIN7174389 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).