

Datasheet for ABIN1386321  
**anti-OTUB1 antibody (AA 51-150)**



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## Overview

Quantity:	100 µL
Target:	OTUB1
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OTUB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human OTUB1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Horse
Purification:	Purified by Protein A.

## Target Details

Target:	OTUB1
Alternative Name:	OTUB1 ( <a href="#">OTUB1 Products</a> )

## Target Details

Background:	<p>Synonyms: Deubiquitinating enzyme OTUB1, hOTU1, OTB1, OTU domain containing ubiquitin aldehyde binding protein 1, OTU domain-containing ubiquitin aldehyde-binding protein 1, OTU1, Otub1, OTUB1_HUMAN, Otubain 1, Otubain-1, Ubiquitin specic processing protease OTUB1, Ubiquitin thioesterase OTUB1, Ubiquitin-specic-processing protease OTUB1.</p> <p>Background: OTUB1 is a 271 amino acid protein that contains one OTU (ovarian tumor) domain and belongs to the OTU family of predicted cysteine proteases. Expressed as two isoforms (one of which is present throughout the body and the other of which is present only in lymphoid tissues), OTUB1 functions as a hydrolase that can remove ubiquitin residues from target proteins, thereby preventing protein degradation and playing an important role in protein turnover. OTUB1 interacts with GRAIL and, via this interaction, plays a role in the regulation and the induction of T-cell anergy, a phenomenon that occurs when T-cells are rendered unresponsive to their cognate antigens. Due to its interaction with GRAIL, OTUB1 is an important regulator of immune responses in secondary lymphoid organs.</p>
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## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months