

Datasheet for ABIN7162339  
**anti-OTUD7B antibody (AA 235-347) (Biotin)**



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## Overview

|                      |                                              |
|----------------------|----------------------------------------------|
| Quantity:            | 100 µg                                       |
| Target:              | OTUD7B                                       |
| Binding Specificity: | AA 235-347                                   |
| Reactivity:          | Human                                        |
| Host:                | Rabbit                                       |
| Clonality:           | Polyclonal                                   |
| Conjugate:           | This OTUD7B antibody is conjugated to Biotin |
| Application:         | ELISA                                        |

## Product Details

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| Immunogen:        | Recombinant Human OTU domain-containing protein 7B protein (235-347AA) |
| Isotype:          | IgG                                                                    |
| Cross-Reactivity: | Human                                                                  |
| Purification:     | >95%, Protein G purified                                               |

## Target Details

|                   |                                                                                                                                                                                    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | OTUD7B                                                                                                                                                                             |
| Alternative Name: | OTUD7B ( <a href="#">OTUD7B Products</a> )                                                                                                                                         |
| Background:       | Background: Negative regulator of the non-canonical NF-kappa-B pathway that acts by mediating deubiquitination of TRAF3, an inhibitor of the NF-kappa-B pathway, thereby acting as |

## Target Details

a negative regulator of B-cell responses. In response to non-canonical NF-kappa-B stimuli, deubiquitinates 'Lys-48'-linked polyubiquitin chains of TRAF3, preventing TRAF3 proteolysis and over-activation of non-canonical NF-kappa-B. Negatively regulates mucosal immunity against infections (By similarity). Deubiquitinates ZAP70, and thereby regulates T cell receptor (TCR) signaling that leads to the activation of NF-kappa-B (PubMed:26903241). Plays a role in T cell homeostasis and is required for normal T cell responses, including production of IFNG and IL2 (By similarity). Mediates deubiquitination of EGFR (PubMed:22179831). Has deubiquitinating activity toward 'Lys-11', 'Lys-48' and 'Lys-63'-linked polyubiquitin chains (PubMed:27732584). Has a much higher catalytic rate with 'Lys-11'-linked polyubiquitin chains (in vitro), however the physiological significance of these data are unsure (PubMed:27732584). Hydrolyzes both linear and branched forms of polyubiquitin.

Aliases: Cellular zinc finger anti NF kappa B protein antibody, Cellular zinc finger anti-NF-kappa-B protein antibody, CEZANNE antibody, HGNC:16683 antibody, OTU domain containing protein 7B antibody, OTU domain-containing protein 7B antibody, OTU7B\_HUMAN antibody, OTUD7B antibody, ZA20D1 antibody, Zinc finger A20 domain containing protein 1 antibody, Zinc finger A20 domain-containing protein 1 antibody, Zinc finger protein Cezanne antibody

UniProt: [Q6GQQ9](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.