



## Rabbit Anti-Cezanne antibody

SL13872R

<b>Product Name:</b>	Cezanne
<b>Chinese Name:</b>	Cezanne蛋白抗体
<b>Alias:</b>	Cellular zinc finger anti NF kappa B protein; Cellular zinc finger anti-NF-kappa-B protein; CEZANNE; HGNC:16683; OTU domain containing protein 7B; OTU domain containing protein 7B; OTU domain-containing protein 7B; OTU7B_HUMAN; OTUD7B; ZA20D1; Zinc finger A20 domain containing protein 1; Zinc finger A20 domain-containing protein 1; Zinc finger protein Cezanne.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Cow,Horse,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	92kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Cezanne:451-550/843
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20℃. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	OTUD7B (OTU domain-containing protein 7B), also known as ZA20D1 or Cezanne, is an 843 amino acid protein that localizes to both the nucleus and the cytoplasm. Expressed in a variety of tissues, including liver, kidney, heart and immature B-cells,

OTUD7B functions to hydrolyze branched and linear forms of polyubiquitin, specifically deubiquinating Lys-48- and Lys-63-linked polyubiquitin chains. Via its ability to deubiquitate target proteins, OTUD7B regulates the inflammatory response within the cell and may play a role in cell survival. More specifically, OTUD7B forms a negative feedback loop in pro-inflammatory signaling, thereby suppressing NF- $\kappa$ B activity and helping to resolve inflammatory responses. OTUD7B contains one C-terminal A20-type zinc finger, one OTU domain and one N-terminal TRAF-binding domain through which it conveys its deubiquitinating activity.

**Function:**

Has deubiquitinating activity that is directed towards 'Lys-48' or 'Lys-63'-linked polyubiquitin chains. Hydrolyzes both linear and branched forms of polyubiquitin. Negative regulator of nuclear factor NF- $\kappa$ B.

**Subcellular Location:**

Cytoplasm. Nucleus.

**Tissue Specificity:**

Widely expressed. Abundant in kidney, heart and fetal liver. Expressed differentially among B-cells at distinct developmental stages. Higher expression seen in primary immature B-cells as compared to the mature cells.

**Similarity:**

Belongs to the peptidase C64 family.  
Contains 1 A20-type zinc finger.  
Contains 1 OTU domain.

**SWISS:**

Q5XG92

**Gene ID:**

56957

**Database links:**

[Entrez Gene: 56957](#) Human

[Entrez Gene: 229603](#) Mouse

[Entrez Gene: 310677](#) Rat

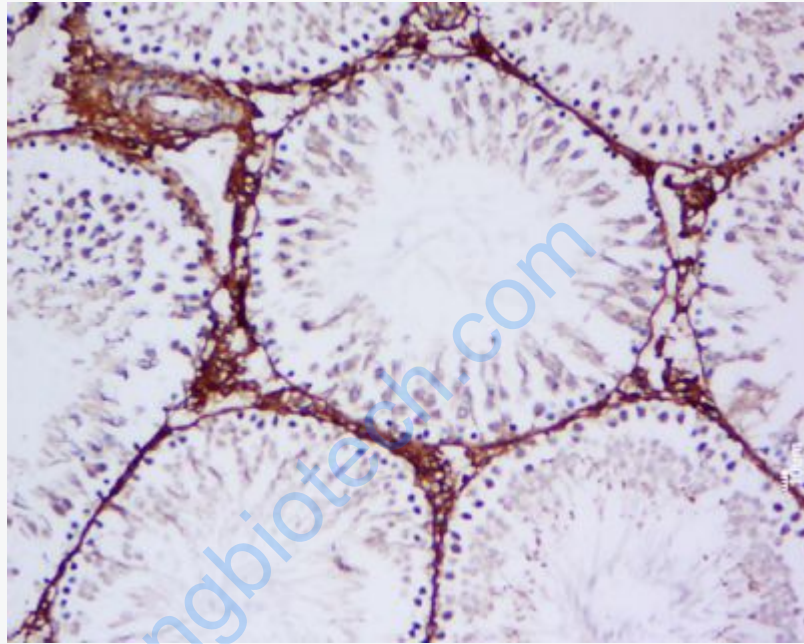
[Omid: 611748](#) Human

[SwissProt: Q6GQQ9](#) Human

[Unigene: 98322](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



**Picture:**

Tissue/cell: Rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;  
Incubation: Anti-Cezanne Polyclonal Antibody, Unconjugated(SL13872R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining