

## Product datasheet for **TA379533**

### Cezanne (OTUD7B) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 530-700 of human OTUD7B (NP_064590.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	88kDa/92kDa
Gene Name:	OTU deubiquitinase 7B
Database Link:	<a href="#">Entrez Gene 56957 Human Q6GQQ9</a>



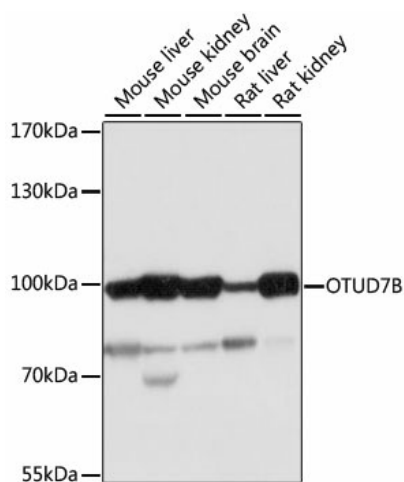
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**Background:**

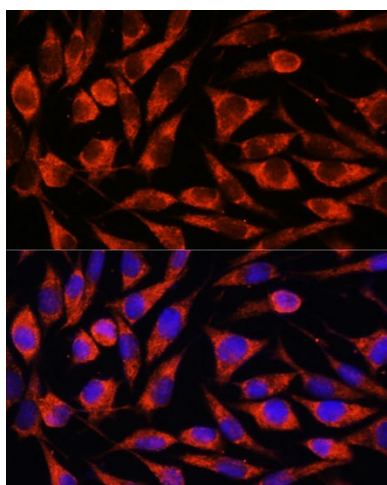
Negative regulator of the non-canonical NF-kappa-B pathway that acts by mediating deubiquitination of TRAF3, an inhibitor of the NF-kappa-B pathway, thereby acting as a negative regulator of B-cell responses. In response to non-canonical NF-kappa-B stimuli, deubiquitinates 'Lys-48'-linked polyubiquitin 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. 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. Has deubiquitinating activity toward 'Lys-11', 'Lys-48' and 'Lys-63'-linked polyubiquitin chains. Has a much higher catalytic rate with 'Lys-11'-linked polyubiquitin chains (in vitro; however the physiological significance of these data are unsure. Hydrolyzes both linear and branched forms of polyubiquitin.

**Synonyms:**

CEZANNE; ZA20D1

**Product images:**

Western blot analysis of extracts of various cell lines, using OTUD7B antibody (TA379533) at 1:1000 dilution. |Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. |Lysates/proteins: 25ug per lane. |Blocking buffer: 3% nonfat dry milk in TBST. |Detection: ECL Basic Kit . |Exposure time: 10s.



Immunofluorescence analysis of L929 cells using OTUD7B antibody (TA379533) at dilution of 1:100. Blue: DAPI for nuclear staining.