

## **OTUD7B/Cezanne-1 Antibody**



Orders: 877-616-CELL (2355)

orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com

cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

## For Research Use Only. Not for Use in Diagnostic Procedures.

<b>Applications:</b> W, IP	Reactivity: H Mk	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 98	Source/Isotype: Rabbit	UniProt ID: #Q6GQQ9	Entrez-Gene Id: 56957
Product Usage Information		<b>Application</b> Western Blotting Immunoprecipitation			<b>Dilution</b> 1:1000 1:50	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		OTUD7B/Cezanne-1 Antibody recognizes endogenous levels of total OTUD7B/Cezanne-1 protein. This antibody does not cross-react with either OTUD7A/Cezanne-2 or OTUD7C/A20 proteins.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human OTUD7B/Cezanne-1 protein. Antibodies are purified by protein A and peptide affinity chromatography.				
Background		enzymes and deubiqu categorized into five s The deubiquitinase ce that contains amino-te A20-like zinc finger (A2 that Cezanne-1 negati removing K63-linked u regulates non-canonic signal transduction pr oncogene as the corre	itinating enzymes ubfamilies based of llular zinc-finger are reminal catalytic are 20-ZnF) that is invovely regulates candibiquitin chains frosal NF-kB signaling otein (7). Additionals products of the property of the products of the produ	ion are reversible proces respectively (1,2). Deubid in catalytic domain struc nti-NF-kB (Cezanne-1, OT nd ubiquitin-associated (I lved in ubiquitin binding onical NF-kB signaling in m the RIP1 adaptor prot through the deubiquitin il research suggests that gene is amplified in a si volving receptor stabiliza	quitinating enzyme ture: USP, UCH, OTI fa UD7B) is an OTU fa UBA) domains, and (3,4). Research studuced by TNF receptation and stabilization and stabilization comments of the station and stabilization and stabi	s (DUBS) are J, MJD, and JAMM. mily deubiquitinase a carboxy-terminal dies demonstrate otor signaling by I negatively ion of the TRAF3 ast cancer
Background References		<ol> <li>Nijman, S.M. et al. (2005) <i>Cell</i> 123, 773-86.</li> <li>Nalepa, G. et al. (2006) <i>Nat Rev Drug Discov</i> 5, 596-613.</li> <li>Mevissen, T.E. et al. (2013) <i>Cell</i> 154, 169-84.</li> <li>Evans, P.C. et al. (2003) <i>J Biol Chem</i> 278, 23180-6.</li> <li>Evans, P.C. et al. (2001) <i>Biochem J</i> 357, 617-23.</li> <li>Enesa, K. et al. (2008) <i>J Biol Chem</i> 283, 7036-45.</li> <li>Hu, H. et al. (2013) <i>Nature</i> 494, 371-4.</li> <li>Pareja, F. et al. (2012) <i>Oncogene</i> 31, 4599-608.</li> </ol>				

**Species Reactivity** 

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

**Western Blot Buffer** 

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

**Applications Key** W: Western Blotting IP: Immunoprecipitation

Cross-Reactivity Key H: Human Mk: Monkey

Trademarks and Patents Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.

All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for a constant of the cons

more information.

**Limited Uses** 

Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's

terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.

Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products any trademarks, trade names, logos, patent or copyright notices or markings, (d) use the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.