







OTUB1 Antibody, Biotin conjugated

Product Code	CSB-PA03595D0Rb			
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.			
Uniprot No.	Q96FW1			
Immunogen	Recombinant Human Ubiquitin thioesterase OTUB1 protein (2-201AA)			
Raised In	Rabbit			
Species Reactivity	Human			
Tested Applications	ELISA			
Relevance	Hydrolase that can specifically remove \\\\Lys-48\\\-linked conjugated ubiquitin from proteins and plays an important regulatory role at the level of protein turnover by preventing degradation. Regulator of T-cell anergy, a phenomenon that occurs when T-cells are rendered unresponsive to antigen rechallenge and no longer respond to their cognate antigen. Acts via its interaction with RNF128/GRAIL, a crucial inductor of CD4 T-cell anergy. Isoform 1 destabilizes RNF128, leading to prevent anergy. In contrast, isoform 2 stabilizes RNF128 and promotes anergy. Surprisingly, it regulates RNF128-mediated ubiquitination, but does not deubiquitinate polyubiquitinated RNF128. Deubiquitinates estrogen receptor alpha (ESR1). Mediates deubiquitination of \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			
Form	Liquid			
Conjugate	Biotin			
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4			
Purification Method	>95%, Protein G purified			
Isotype	IgG			
Clonality	Polyclonal			
Alias	Ubiquitin thioesterase OTUB1 (EC 3.4.19.12) (Deubiquitinating enzyme OTUB1) (OTU domain-containing ubiquitin aldehyde-binding protein 1) (Otubain-1)			



CUSABIO TECHNOLOGY LLC







(hOTU1) (Ubiquitin-specific-processing protease OTUB1), OTUB1, OTB1 OT	(hOTU1)) (Ubiquitin-specific-pro	ocessing protease	OTUB1).	OTUB1.	OTB1 OTL
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Species	Human	
Research Area	Epigenetics and Nuclear Signaling	
Target Names	OTUB1	