Ubiquitin thioesterase OTUB1 Polyclonal Conjugated Antibody

Catalog No: #C42398

Orders: order@signalwayantibody.com
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Package Size: #C42398-AF350 100ul #C42398-AF405 100ul #C42398-AF488 100ul #C42398-AF555 100ul #C42398-AF594 100ul #C42398-AF647 100ul #C42398-AF680 100ul #C42398-AF750 100ul #C42398-Biotin 100ul

Description

Product Name	Ubiquitin thioesterase OTUB1 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Ubiquitin thioesterase OTUB1 polyclonal antibody.
Immunogen Description	Recombinant human Ubiquitin thioesterase OTUB1 protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HSPC263,OTB1, OTU1,OTUB1,Deubiquitinating enzyme OTUB1,OTU domain-containing ubiquitin aldehyde-binding protein 1,Otubain-1,hOTU1,Ubiquitin-specific-processing protease OTUB1
Accession No.	Swiss-Prot#:Q96FW1
Uniprot	Q96FW1
GeneID	55611;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	20
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

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.

Note: This product is for in vitro research use only