

# SENP1 Conjugated Antibody

Catalog No: #C33519



Package Size: #C33519-AF350 100ul #C33519-AF405 100ul #C33519-AF488 100ul  
 #C33519-AF555 100ul #C33519-AF594 100ul #C33519-AF647 100ul  
 #C33519-AF680 100ul #C33519-AF750 100ul #C33519-Biotin 100ul

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | SENP1 Conjugated Antibody  |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Species Reactivity    | Hu   |
| Specificity           | The antibody detects endogenous levels of total SENP1 protein.   |
| Immunogen Description | Synthesized peptide derived from N-terminal of human SENP1.  |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750   |
| Other Names           | SUMO1;sentrin specific protease 1;EC 3.4.22.-;Sentrin/SUMO-specific protease SENP1   |
| Accession No.         | Swiss-Prot#:Q9P0U3NCBI Gene ID:29843   |
| Uniprot               | Q9P0U3   |
| GeneID                | 29843;   |
| Excitation Emission   | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW         | 73   |
| 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

## Product Description

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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO1, SUMO2 and SUMO3 to their mature forms and deconjugation of SUMO1, SUMO2 and SUMO3 from targeted proteins. Deconjugates SUMO1 from HIPK2. Deconjugates SUMO1 from HDAC1 and BHLHE40/DEC1, which decreases its transcriptional repression activity. Deconjugates SUMO1 from CLOCK, which decreases its transcriptional activation activity.

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Note: This product is for in vitro research use only