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Datasheet for ABIN7454900  
**anti-SENP3 antibody (AA 275-325)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg   |
| Target:              | SENP3  |
| Binding Specificity: | AA 275-325   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This SENP3 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp)) |

### Product Details

|               |   |
|---------------|---|
| Purpose:      | Rabbit anti-SENP3 Antibody, Affinity Purified |
| Immunogen:    | between AA 275 and 325                        |
| Isotype:      | IgG   |
| Purification: | Affinity Purified                             |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | SENP3   |
| Alternative Name: | SENP3 ( <a href="#">SENP3 Products</a> )  |
| Background:       | Background: Sentrin-specific protease 3 (SENP3) functions as a protease that releases SUMO2 |

## Target Details

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and SUMO3 monomers from sumoylated substrates, but has only weak activity against SUMO1 conjugates. SENP3 deconjugates SUMO2 from MEF2D, which increases its transcriptional activation capability, and also deconjugates SUMO2 and SUMO3 from CDCA8. SENP3 can function as a redox sensor that, when redistributed into nucleoplasm, can act as an effector to enhance HIF1A transcriptional activity by desumoylating EP300. SENP3 is required for rRNA processing through deconjugation of SUMO2 and SUMO3 from nucleophosmin, NPM1 [taken from the Universal Protein Resource (UniProt) Q9H4L4].

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Gene ID: 26168

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NCBI Accession: [NP\\_056485](#)

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UniProt: [Q9H4L4](#)

## Application Details

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Application Notes: IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.  
IP: 2 - 10 µg/mg lysate  
WB: 1:2,000 - 1:10,000

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Restrictions: For Research Use only

## Handling

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Concentration: 1000 µg/mL

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Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C

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Expiry Date: 12 months