

**SENp8 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP1259a****Specification**

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**SENp8 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q96LD8](#)**SENp8 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 123228**Other Names**

Sentrin-specific protease 8, Deneddylase-1, NEDD8-specific protease 1, Protease, cysteine 2, Sentrin/SUMO-specific protease SENp8, SENp8, DEN1, NEDP1, PRSC2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1259a](/product/products/AP1259a) was selected from the N-term region of human SENp8. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**SENp8 Antibody (N-term) Blocking Peptide - Protein Information****Name** SENp8**Synonyms** DEN1, NEDP1, PRSC2**Function**

Protease that catalyzes two essential functions in the NEDD8 pathway: processing of full-length NEDD8 to its mature form and deconjugation of NEDD8 from targeted proteins such as cullins or p53.

**Tissue Location**

Broadly expressed, with highest levels in kidney and pancreas.

## **SENP8 Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

## **SENP8 Antibody (N-term) Blocking Peptide - Images**

## **SENP8 Antibody (N-term) Blocking Peptide - Background**

NEDD8 is a ubiquitin-like protein that becomes conjugated to the cullin subunit of several ubiquitin ligases. This conjugation, called neddylation, is required for optimal ubiquitin ligase activity. SENP8 is a protease that catalyzes two essential functions in the NEDD8 pathway: processing of full-length NEDD8 to its mature form and deconjugation of NEDD8 from targeted proteins such as cullins or p53.

## **SENP8 Antibody (N-term) Blocking Peptide - References**

Wu, K., et al., J. Biol. Chem. 278(31):28882-28891 (2003). Gan-Erdene, T., et al., J. Biol. Chem. 278(31):28892-28900 (2003). Mendoza, H.M., et al., J. Biol. Chem. 278(28):25637-25643 (2003).