

SENp8 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP1260a**Specification**

SENp8 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q96LD8](#)**SENp8 Antibody (C-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 [AP1260a](/product/products/AP1260a) was selected from the C-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 (C-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.

SEN8 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SEN8 Antibody (C-term) Blocking Peptide - Images

SEN8 Antibody (C-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. SEN8 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.

SEN8 Antibody (C-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).