

**SENP7 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP1241a****Specification****SENP7 Antibody (C-term) Blocking Peptide -  
Product Information**Primary Accession [Q9BQF6](#)**SENP7 Antibody (C-term) Blocking Peptide -  
Additional Information**

Gene ID 57337

**Other Names**Sentrin-specific protease 7, SUMO-1-specific  
protease 2, Sentrin/SUMO-specific protease  
SENP7, SENP7, KIAA1707, SSP2, SUSP2**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1241a](/product/products/AP1241a) was selected from the C-term region of human SENP7. 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.

**SENP7 Antibody (C-term) Blocking Peptide -  
Protein Information**

Name SENP7

**SENP7 Antibody (C-term) Blocking Peptide  
- Background**

SENP7 is a protease that may be involved in two essential functions in the SUMO pathway: processing of full-length SUMO1, SUMO2 and SUMO3 to their mature conjugatable forms and/or deconjugation of SUMO1, SUMO2 and SUMO3 from targeted substrate proteins.

**SENP7 Antibody (C-term) Blocking Peptide  
- References**

Wiemann, S., et al., Genome Res.  
11(3):422-435 (2001). Nagase, T., et al., DNA  
Res. 7(6):347-355 (2000).

**Synonyms** KIAA1707, SSP2, SUSP2

**Function**

Protease that deconjugates SUMO2 and SUMO3 from targeted proteins, but not SUMO1. Catalyzes the deconjugation of poly-SUMO2 and poly-SUMO3 chains. Has very low efficiency in processing full-length SUMO proteins to their mature forms.

**SEN7 Antibody (C-term) Blocking Peptide  
- Protocols**

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

- [Blocking Peptides](#)