

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 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

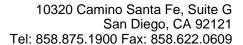
Name SENP7

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.

SENP7 Antibody (C-term) Blocking Peptide - Protocols

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

• Blocking Peptides