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Drosophila SUMO Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP1287a

Specification

Drosophila SUMO Antibody (N-term) Blocking Peptide - Product Information

Primary Accession O97102

Drosophila SUMO Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 33981

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP1287a was selected from the N-term region of human Drosophila SUMO . 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.

Drosophila SUMO Antibody (N-term) Blocking Peptide - Protein Information

Name O97102

Cellular Location
Nucleus {ECO:0000256|RuleBase:RU361190}.

Drosophila SUMO Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

Drosophila SUMO Antibody (N-term) Blocking Peptide - Images

Drosophila SUMO Antibody (N-term) Blocking Peptide - Background

Covalent modification of target lysines by SUMO (small ubiquitin-like modifier) modulates processes such as protein localization, transcription, nuclear transport, mitosis, DNA replication and

repair, signal transduction, and viral reproduction. SUMO does not seem to be involved in protein degradation and may in fact function as an antagonist of ubiquitin in the degradation process. In the development of Drosophila, SUMO plays a maternal role in anterior-posterior (A/P) polarity and patterning.

Drosophila SUMO Antibody (N-term) Blocking Peptide - References

Muller S, et al., Nat Rev Mol Cell Biol. 2001 2(3):202-10 Review.Hochstrasser M. Cell. 2001 107(1):5-8. Review.Kahyo T, et al., Mol Cell. 2001 Sep;8(3):713-8.Yeh ET, et al., Gene. 2000 May 2;248(1-2):1-14. Review.Keane,M.M., et al., Oncogene 18 (22), 3365-3375 (1999)