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ZUFSP Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP10653a

Specification

ZUFSP Antibody (N-term) Blocking Peptide - Product Information

Primary Accession	Q96AP4
Other Accession	NP_659499.2

ZUFSP Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 221302

Other Names
Zinc finger with UFM1-specific peptidase domain protein, ZUFSP, C6orf113

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.

ZUFSP Antibody (N-term) Blocking Peptide - Protein Information

Name ZUP1 (HGNC:21224)

Function
Deubiquitinase with endodeubiquitinase activity that specifically interacts with and cleaves 'Lys-63'-linked long polyubiquitin chains. Shows only weak activity against 'Lys-11' and 'Lys-48'-linked chains (PubMed:29576528, PubMed:29563501, PubMed:29476094). Plays an important role in genome stability pathways, functioning to prevent spontaneous DNA damage and also promote cellular survival in response to exogenous DNA damage (PubMed:29576528, PubMed:29576527). Modulates the ubiquitination status of replication protein A (RPA) complex proteins in response to replication stress (PubMed:29563501).

Cellular Location
Cytoplasm. Nucleus. Note=Mostly present in the nuclear fraction. Localizes to DNA lesions.

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ZUFSP Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

ZUFSP Antibody (N-term) Blocking Peptide - Images

ZUFSP Antibody (N-term) Blocking Peptide - References

Mungall, A.J., et al. Nature 425(6960):805-811(2003)