

ZUFSP Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10653A**Specification**

ZUFSP Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O96AP4
Other Accession	O4R4A2 , NP_659499.2
Reactivity	Human, Hamster, Mouse
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	65959
Antigen Region	107-136

ZUFSP Antibody (N-term) - Additional Information**Gene ID** 221302**Other Names**

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

Target/Specificity

This ZUFSP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 107-136 amino acids from the N-terminal region of human ZUFSP.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ZUFSP Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZUFSP Antibody (N-term) - 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

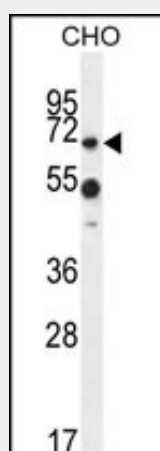
Cytoplasm. Nucleus. Note=Mostly present in the nuclear fraction. Localizes to DNA lesions.

ZUFSP Antibody (N-term) - Protocols

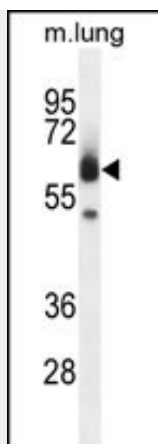
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZUFSP Antibody (N-term) - Images



ZUFSP Antibody (N-term) (Cat. #AP10653a) western blot analysis in CHO cell line lysates (35ug/lane). This demonstrates the ZUFSP antibody detected the ZUFSP protein (arrow).



ZUFSP Antibody (N-term) (Cat. #AP10653a) western blot analysis in mouse lung tissue lysates (35ug/lane). This demonstrates the ZUFSP antibody detected the ZUFSP protein (arrow).

ZUFSP Antibody (N-term) - References

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