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ZUFSP Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10653A

Product Information

Application	WB, E
Primary Accession	Q96AP4
Other Accession	Q4R4A2, NP_659499.2
Reactivity	Human, Mouse, Hamster
Predicted	Monkey, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB30096
Calculated MW	65959
Antigen Region	107-136

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 E~~Use at an assay dependent concentration.
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.

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:29476094,

PubMed:29563501, PubMed:29576528). 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:29576527, PubMed:29576528). Modulates the ubiquitination status of replication protein A (RPA) complex proteins in response to replication stress (PubMed:29563501).

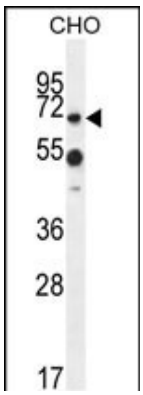
Cellular Location

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

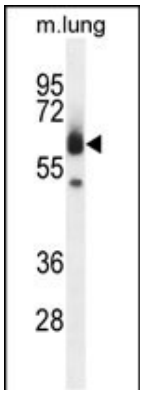
References

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

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.