

ZUFSP Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56241**Specification****ZUFSP Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	Q96AP4
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65959

ZUFSP Polyclonal Antibody - Additional Information**Gene ID** 221302**Other Names**

Zinc finger-containing ubiquitin peptidase 1, 3.4.19.12, Lys-63-specific deubiquitinase ZUFSP, DUB, Zinc finger with UFM1-specific peptidase domain protein, ZUP1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=21224)
target="_blank">HGNC:21224)

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

ZUFSP Polyclonal Antibody - 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:<http://www.uniprot.org/citations/29576528>, PubMed:<http://www.uniprot.org/citations/29563501>, PubMed:<http://www.uniprot.org/citations/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:<http://www.uniprot.org/citations/29576528>, PubMed:<http://www.uniprot.org/citations/29576527>). Modulates the ubiquitination status of replication protein A (RPA) complex proteins in response to replication stress (PubMed:<http://www.uniprot.org/citations/29563501> target="_blank">29563501).

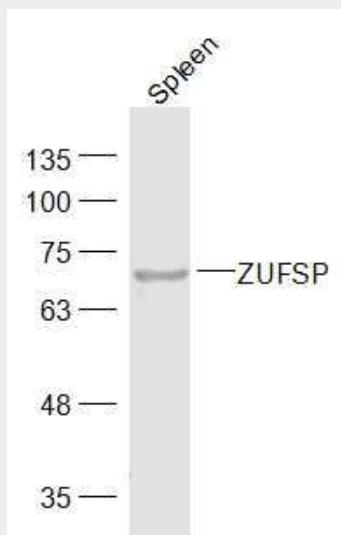
Cellular Location

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

ZUFSP Polyclonal Antibody - 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 Polyclonal Antibody - Images**Sample:**

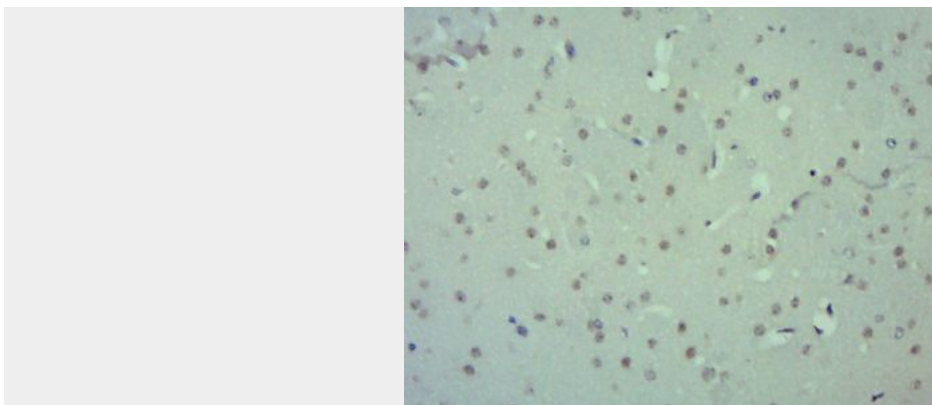
Spleen (Mouse) Lysate at 40 ug

Primary: Anti-ZUFSP (bs-16394R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 66 kD

Observed band size: 66 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ZUFSP) Polyclonal Antibody, Unconjugated (bs-16394R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.