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# Rabbit Anti-ZUFSP antibody

SL16394R

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| **Product Name:** | ZUFSP |
| **Chinese Name:** | ZUFSP蛋白抗体 |
| **Alias:** | C6orf113; Chromosome 6 open reading frame 113; dJ412I7.3; RP3-412I7.3; Zinc finger with UFM1 specific peptidase domain; Zinc finger with UFM1 specific peptidase domain protein; Zinc finger with UFM1-specific peptidase domain protein; Zufsp; ZUFSP_HUMAN. |
| **Organism Species:** | Rabbit |
| **Clonality:** | Polyclonal |
| **React Species:** | Human,Mouse,Rat,Dog,Pig,Cow,Rabbit, |
| **Applications:** | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Molecular weight:** | 66kDa |
| **Cellular localization:** | The nucleus |
| **Form:** | Lyophilized or Liquid |
| **Concentration:** | 1mg/ml |
| **immunogen:** | KLH conjugated synthetic peptide derived from human ZUFSP:221-320/578 |
| **Lsotype:** | IgG |
| **Purification:** | affinity purified by Protein A |
| **Storage Buffer:** | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| **Storage:** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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. |
| **PubMed:** | PubMed |
| **Product Detail:** | Making up nearly 6% of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence of a cancer susceptibility locus. Porphyria cutanea tarda is associated with chromosome |

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| | 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatiblity complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6. Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6. A bipolar disorder susceptibility locus has been identified on the q arm of chromosome 6.<br><br>**Similarity:**<br>Contains 3 C2H2-type zinc fingers.<br><br>**SWISS:**<br>Q96AP4<br><br>**Gene ID:**<br>221302<br><br>**Database links:**<br><br>Entrez Gene: 221302 Human<br><br>Entrez Gene: 72580 Mouse<br><br>SwissProt: Q96AP4 Human<br><br>SwissProt: Q3T9Z9 Mouse<br><br>Unigene: 29857 Human<br><br>Unigene: 479929 Mouse<br><br>**Important Note:**<br>This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Picture:** | Sample:<br><br>Spleen (Mouse) Lysate at 40 ug<br><br>Primary: Anti-ZUFSP (SL16394R) at 1/300 dilution |

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| | Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution<br>Predicted band size: 66 kD<br>Observed band size: 66 kD |
| |  <br>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 (SL16394R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining. |