# NUFP1 Polyclonal Antibody

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| **Catalog No** | YP-Ab-05861 |
| **Isotype** | IgG |
| **Reactivity** | Human;Rat;Mouse |
| **Applications** | WB;ELISA |
| **Gene Name** | NUFIP1 |
| **Protein Name** | Nuclear fragile X mental retardation-interacting protein 1 (Nuclear FMRP-interacting protein 1) |
| **Immunogen** | Synthesized peptide derived from human protein . at AA range: 180-260 |
| **Specificity** | NUFP1 Polyclonal Antibody detects endogenous levels of protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| **Source** | Polyclonal, Rabbit,IgG |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Dilution** | WB 1:500-2000 ELISA 1:5000-20000 |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | |
| **Observed Band** | 54kD |
| **Cell Pathway** | Nucleus . Distributed in the nucleus in a dot-like pattern. |
| **Tissue Specificity** | Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon, peripheral blood leukocyte, heart, brain, placenta, lung, liver, skeletal muscle, kidney, and pancreas. |
| **Function** | function:Binds RNA.,similarity:Contains 1 C2H2-type zinc finger.,subcellular location:Distributed in the nucleus in a dot-like pattern.,subunit:Interacts with FMR1.,tissue specificity:Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon, peripheral blood leukocyte, heart, brain, placenta, lung, liver, skeletal muscle, kidney, and pancreas., |
| **Background** | This gene encodes a nuclear RNA binding protein that contains a C2H2 zinc finger motif and a nuclear localization signal. This protein is associated with the nuclear matrix in perichromatin fibrils and, in neurons, localizes to the cytoplasm in association with endoplasmic reticulum ribosomes. This protein interacts with the fragile X mental retardation protein (FMRP), the tumor suppressor protein BRCA1, upregulates RNA polymerase II transcription, and is involved in box C/D snoRNP biogenesis. A pseudogene of this gene resides on chromosome 6q12. [provided by RefSeq, Feb 2012], |

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| **matters needing attention** | Avoid repeated freezing and thawing! |
| **Usage suggestions** | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

## Products Images