



# NUFP2 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-06517                                                                                                                                                                                                                                                                                                 |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                         |
| <b>Reactivity</b>                  | Human;Mouse                                                                                                                                                                                                                                                                                                 |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>                   | NUFIP2 KIAA1321 PIG1                                                                                                                                                                                                                                                                                        |
| <b>Immunogen</b>                   | Synthesized peptide derived from human protein . at AA range: 180-260                                                                                                                                                                                                                                       |
| <b>Specificity</b>                 | NUFP2 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                             |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                              |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                      |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                       |
| <b>Dilution</b>                    | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                            |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                        |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>                    | 182 FIP;82 FIP;82 kDa FMRP-interacting protein;82-FIP;Cell proliferation-inducing gene 1 protein;NUFP2;NUFIP2 KIAA1321 PIG1;Nuclear fragile X mental retardation-interacting protein 2 (82 kDa FMRP-interacting protein) (82-FIP) (Cell proliferation-inducing gene 1 protein) (FMRP-interacting protein 2) |
| <b>Observed Band</b>               | 76kD                                                                                                                                                                                                                                                                                                        |
| <b>Calculated Molecular Weight</b> | 76kD                                                                                                                                                                                                                                                                                                        |
| <b>Cell Pathway</b>                | Nucleus . Cytoplasm . Cytoplasm, Stress granule . Distribution is cell cycle-modulated, being cytoplasmic in the G2/M phase and accumulating in nucleus during the G1 phase (PubMed:12837692). .                                                                                                            |
| <b>Tissue Specificity</b>          | Brain,Cervix carcinoma,Epithelium,PCR rescued clones,T-cell,Uterus,                                                                                                                                                                                                                                         |
| <b>Function</b>                    | function:Binds RNA.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,subcellular location:Distribution is cell cycle-modulated, being cytoplasmic in the G2/M phase and accumulating in nucleus during the G1 phase.,subunit:Interacts with FMRP.,                                               |
| <b>Background</b>                  | function:Binds RNA.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,subcellular location:Distribution is cell cycle-modulated, being cytoplasmic in the G2/M phase and accumulating in nucleus during the G1                                                                                    |



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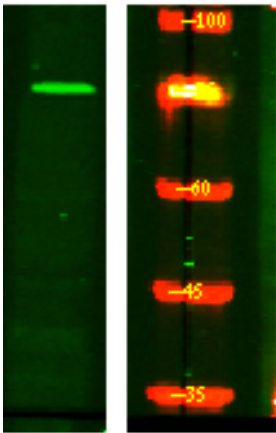
**matters needing attention**

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



Western Blot analysis of HeLa lysis, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000