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**Product Name: MPP10 Rabbit Polyclonal Antibody****Catalog #: APRab14059**

For research use only.

**Summary**

|                      |   |
|----------------------|---|
| <b>Description</b>   | Rabbit polyclonal Antibody  |
| <b>Host</b>          | Rabbit  |
| <b>Application</b>   | WB,IHC,ELISA  |
| <b>Reactivity</b>    | Human,Rat,Mouse   |
| <b>Conjugation</b>   | Unconjugated  |
| <b>Modification</b>  | Unmodified  |
| <b>Isotype</b>       | IgG   |
| <b>Clonality</b>     | Polyclonal  |
| <b>Form</b>          | Liquid  |
| <b>Concentration</b> | 1mg/ml  |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.                       |
| <b>Shipping</b>      | Ice bags  |
| <b>Buffer</b>        | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| <b>Purification</b>  | Affinity purification   |

**Application**

|                         |   |
|-------------------------|---|
| <b>Dilution Ratio</b>   | WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000 |
| <b>Molecular Weight</b> | 78kDa   |

**Antigen Information**

|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | MPHOSPH10   |
| <b>Alternative Names</b> | MPHOSPH10; MPP10; U3 small nucleolar ribonucleoprotein protein MPP10; M phase phosphoprotein 10 |
| <b>Gene ID</b>           | 10199.0   |
| <b>SwissProt ID</b>      | O00566  |
| <b>Immunogen</b>         | Synthesized peptide derived from MPP10 . at AA range: 60-140                                    |

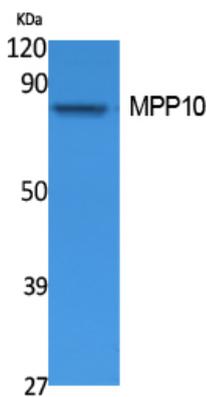
**Background**

This gene encodes a protein that is phosphorylated during mitosis. The protein localizes to the nucleolus during interphase and

to the chromosomes during M phase. The protein associates with the U3 small nucleolar ribonucleoprotein 60-80S complexes and may be involved in pre-rRNA processing. [provided by RefSeq, Dec 2010],function:Component of the 60-80S U3 small nucleolar ribonucleoprotein (U3 snoRNP). Required for the early cleavages during pre-18S ribosomal RNA processing.,PTM:Phosphorylated in M (mitotic) phase.,similarity:Belongs to the MPP10 family.,subcellular location:Fibrillar region of the nucleolus. After dissolution of the nucleolus in early M phase becomes associated with chromosomes through metaphase and anaphase. In telophase localized to small cellular prenucleolar bodies that not always contain fibrillarin. The reassociation with nucleolus is preceded by the arrival of fibrillarin.,subunit:Component of a heterotrimeric complex containing IMP3, IMP4 and MPHOSPH10. Interacts with IMP3 and IMP4,

## Research Area

### Image Data



Western Blot analysis of extracts from Jurkat cells, using MPP10 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000.