

## DDDDK-tag polyclonal antibody

Catalog: AP0007

Host: Rabbit

Reactivity: All

### BackGround:

Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation and immunostaining techniques. Due to their small size, they are unlikely to affect the tagged protein's biochemical properties.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

N/A

### Swiss-Prot:

N/A

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:2000~1:5000

IP: 1:50~1:200

IF: 1:50~1:200

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

DDDDK-tag polyclonal antibody detects over-expressed or recombinant proteins containing the DDDDK epitope tag.

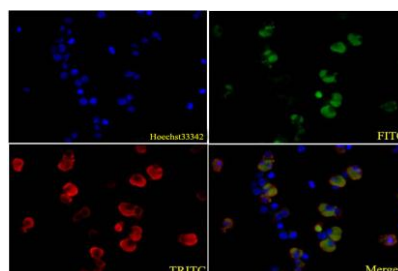
### DATA:



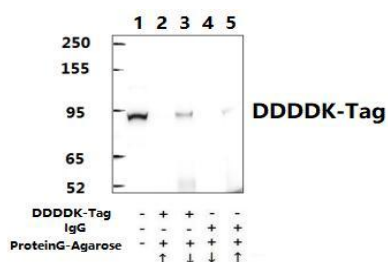
Western blot (WB) analysis of DDDDK-tag pAb at 1:5000 dilution

Lane1:HEK293T whole cell lysate

Lane2:HEK293T whole cell lysate,transfected with pcDNA3.1-DDDDK-p62-HA.



IF image of AP0007 stained HEK293T cells, transfected with pcDNA3.1-HA-DDDDK-p62 #PPL00549-2b. The cells were 4% paraformaldehyde fixed (20 min) and then incubated in 10% normal goat serum for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody DDDDK-Tag pAb #AP0007(1:200) and the antibody HA-tag (4G3) mAb #AP0005M(1:200) at 5 µg/ml overnight at +4 °C. The secondary antibody (Green) was Goat anti-Rabbit IgG (H+L)-FITC#BS10950 and the secondary antibody (Red) was Goat anti-Mouse IgG (H+L)-TRITC#BS11502. Hoechst33342 #BD5011 was used to stain the cell nuclei (blue).



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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

Immunoprecipitation of 293F cell transfected with pcDNA3.4-TfR-DDDDK lysates using DDDDK-Tag pAb (Sepharose Bead Conjugate)#BD0048 (lane 2 and lane 3) and Nonspecific IgG Control (Sepharose Bead Conjugate)#BD0048 (lane 4 and lane 5) .Lane

1 is 30% input. The western blot was probed using DDDDK-Tag pAb #AP0007.

**Note:**

For research use only, not for use in diagnostic procedure.

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