

**PP2A Catalytic  $\alpha$  polyclonal antibody**

Catalog: BS80482

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

This gene encodes the phosphatase 2A catalytic subunit. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. This gene encodes an alpha isoform of the catalytic subunit.

**Product:**

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

**Molecular Weight:**

36KDa

**Swiss-Prot:**

P67775

**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, 1:500 - 1:2000 | IF/ICC, 1:50 - 1:200 | IP, 1:50 - 1:200

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

**Modification:**

Unmodification

**DATA:**

Western blot analysis of various lysates, using PP2A Catalytic  $\alpha$  antibody at 1:2157 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

Immunofluorescence analysis of HeLa cells using PP2A Catalytic  $\alpha$  antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of NIH/3T3 cells using PP2A Catalytic  $\alpha$  antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunoprecipitation analysis of 200ug extracts of 293T cells using 3ug PP2A Catalytic  $\alpha$  antibody. Western blot was performed from the immunoprecipitate using PP2A Catalytic  $\alpha$  antibody at a dilution of 1:1000.

**Note:**

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

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