

MYPT3 polyclonal antibody

Catalog: BS62438

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

The members of the MYPT family, MYPT1, MYPT2 and MYPT3 are the myosinbinding subunits of myosin phosphatase and an integral component of the myosin protein phosphatase. Myosin phosphatase regulates the interaction of actin and myosin downstream of the guanosine triphosphatase Rho. MYPT1 is localized on stress fibers and is distributed close to the cell membrane and at cell-cell contacts to regulate myosin phosphatase activity. In addition to MYPT1, a novel isoform of MYPT1, MYPT2, also interacts with PPlc. MYPT3, also designated PP16A, inhibits protein phosphatase activity involving phosphorylase, myosin light chain and myosin substrates. It acts as a lipid anchor and binds PP1. MYPT3 localizes primarily to the cell membrane.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

Molecular Weight:

~ 50 kDa

Swiss-Prot:

Q96I34

Purification&Purity:

The protein was purified from E.coli and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000 IHC:1:50~1:200

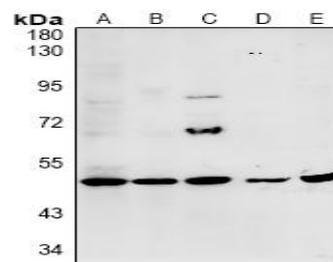
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -25 °C long term. Avoid freeze-thaw cycles.

Specificity:

MYPT3 polyclonal antibody detects endogenous levels of MYPT3 protein.

DATA:



Western blot (WB) analysis of MYPT3 polyclonal antibody at 1:500 dilution

LaneA:HEK293T whole cell lysate

LaneB:A2780 whole cell lysate

LaneC:HCT116 whole cell lysate

LaneD:H9C2 whole cell lysate

LaneE:CT-26 whole cell lysate

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151