

## MYBPC1 polyclonal antibody

Catalog: BS62406

Host: Rabbit

Reactivity: Human,Rat

### BackGround:

MYBPC1, also known as MYBPCS (myosin-binding protein C, slow-type) or MyBP-C, is a 1,141 amino acid protein that contains 3 fibronectin type-III domains and 7 Ig-like C2-type domains. Existing as a member of the immunoglobulin superfamily, MYBPC1 functions as a thick filament-associated protein that localizes to striated muscle bands in vertebrae and is thought to modify the activity of select ATPases. Additionally, MYBPC1 may play a role in the modulation of muscle contraction and in the overall structural integrity of the cell. The gene encoding MYBPC1 maps to human chromosome 12, which encodes over 1,100 genes and comprises approximately 4.5% of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and Trisomy 12p, which causes facial developmental defects and seizure disorders.

### Product:

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

### Molecular Weight:

~ 128 kDa

### Swiss-Prot:

Q00872

### Purification&Purity:

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

### Applications:

WB:1:500~1:1000

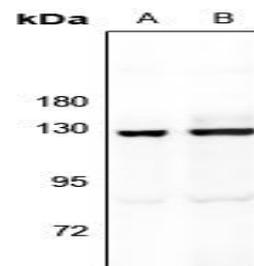
### Storage&Stability:

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

### Specificity:

MYBPC1 polyclonal antibody detects endogenous levels of MYBPC1 protein.

### DATA:



Western blot (WB) analysis of MYBPC1 polyclonal antibody at 1:500 dilution

LaneA:HeLa whole cell lysate

LaneB:PC12 whole cell lysate

### Note:

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

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