

## MRTF-B polyclonal antibody

Catalog: BS60065

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Serum response factor (SRF) is a transcription factor that binds the serum response element (SRE), a sequence that mediates the transient response of many cellular genes to growth stimulation. SRF regulates the transient response of several muscle genes in response to growth factors and recruits accessory myogenic factors to activate these muscle genes. SRF is required for the formation of vertebrate mesoderm leading to the origin of the cardiovascular system. Myocardin, in association with SRF in cardiac muscle cells, activates cardiac muscle promoters. Myocardin-related transcription factors A and B (MRTF-A and MRTF-B) interact with SRF and act as stimulators for its transcriptional activity. MRTF-B is crucial for skeletal myogenic differentiation.

### Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

### Molecular Weight:

~ 118 kDa

### Swiss-Prot:

Q9ULH7

### 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: 1:500~1:1000

### Storage&Stability:

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

### Specificity:

MRTF-B polyclonal antibody detects endogenous levels of MRTF-B protein.

### DATA:



Western blot (WB) analysis of MRTF-B polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:NIH-3T3 whole cell lysate

Lane3:H9C2 whole cell lysate

### Note:

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

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