# Myomesin-2 (Y644) polyclonal antibody

Catalog: BCP01157 Host:

st: Rabbit

Reactivity:

Human, Mouse, Rat

## **BackGround:**

Myomesin-1 (190 kDa) and myomesin-2 (165 kDa) are components of the vertebrate myofibrillar M band and are associated with Titin, Myosin and Connectin. The myomesin proteins are responsible for the formation of a head structure on one end of the Titin string that connects the Z and M bands of the sarcomere. Myomesin-1 and -2 have unique N-terminal domains and are expressed mainly in skeletal muscle. The gene encoding human myomesin-1 maps to chromosome 18p11.31-p11.32.

#### **Product:**

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

**Molecular Weight:** 

~ 165 kDa

**Swiss-Prot:** 

P54296

**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

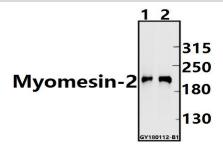
### Storage&Stability:

Store at  $4 \,^{\circ}{\rm C}$  short term. Aliquot and store at  $-20 \,^{\circ}{\rm C}$  long term. Avoid freeze-thaw cycles.

#### **Specificity:**

Myomesin-2 (Y644) polyclonal antibody detects endogenous levels of Myomesin-2 protein.

**DATA:** 



Western blot (WB) analysis of Myomesin-2 (Y644) pAb at 1:1000 dilution

Lane1: The Heart tissue lysate of Rat(10ug)

Lane2: The Heart tissue lysate of Mouse(10ug)

#### Note:

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