

## cTnI (Phospho-S22/S23) polyclonal antibody

Catalog: BS64505

Host: Rabbit

Reactivity: Human,Mouse,Rat

### BackGround:

Troponin I is part of a heteromeric complex playing an important role in the regulation of skeletal and cardiac muscle contraction. It consists of three subunits, troponin I (TnI), troponin T (TnT) and troponin C (TnC). Each subunit is responsible for part of troponin complex function. TnI inhibits ATPase activity of acto myosin and TnT and TnI are present in cardiac muscles in different forms than in skeletal muscles. Only one tissue specific isoform of TnI is described for cardiac muscle tissue (cTnI) and this is expressed only in myocardium.

### Product:

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

### Molecular Weight:

~ 28 kDa

### Swiss-Prot:

P19429

### 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 IHC:1:50~1:200

### Storage&Stability:

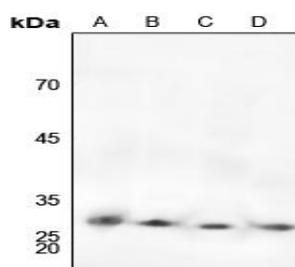
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

### Specificity:

cTnI (Phospho-S22/S23) polyclonal antibody detects endogenous levels of cTnI protein only when phosphorylated at Ser22/Ser23.

### DATA:



Western blot (WB) analysis of cTnI (Phospho-S22/S23) polyclonal antibody at 1:500 dilution

LaneA:The Heart tissue lysate of Mouse

LaneB:The Kidney tissue lysate of Mouse

LaneC:The Heart tissue lysate of Rat

LaneD:The Kidney tissue lysate of Rat

### Note:

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

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