

HSPB2 (N143) polyclonal antibody

Catalog: BS3031

Host: Rabbit

Reactivity: Human, Rat

BackGround:

HSPB2, also called MKBP, was shown to bind and activate myotonic dystrophy protein kinase in the yeast two-hybrid system. The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The protein is expressed preferentially in the heart and skeletal muscle. This protein regulates Myotonic Dystrophy Protein Kinase, which plays an important role in maintenance of muscle structure and function.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 20 kDa

Swiss-Prot:

Q16082

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:

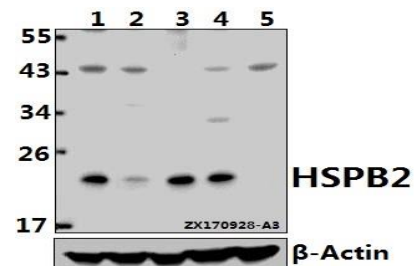
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

HSPB2 (N143) polyclonal antibody detects endogenous

levels of HSPB2 protein.

DATA:



Western blot (WB) analysis of HSPB2 (N143) pAb at 1:500 dilution

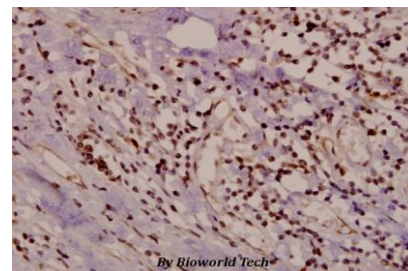
Lane1:K562 whole cell lysate(40ug)

Lane2:PC3 whole cell lysate(40ug)

Lane3:MCF-7 whole cell lysate(40ug)

Lane4:H9C2 whole cell lysate(40ug)

Lane5:3T3-L1 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of HSPB2 (N143) pAb in paraffin-embedded human tonsil carcinoma tissue at 1:50.

Note:

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

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