DnaJB4 (R120) polyclonal antibody

Catalog: BS3025 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

DnaJ heat shock induced proteins are from the bacterium Escherichia coli and are under the control of the htpR regulatory protein. The DnaJ proteins play a critical role in the HSP 70 chaperone machine by interacting with HSP 70 to stimulate ATP hydrolysis. The proteins contain cysteine rich regions that are composed of zinc fingers that form a peptide binding domain responsible for the chaperone function. DnaJ proteins are important mediators of proteolysis and are involved in the regulation of protein degradation, exocytosis and endocytosis. DnaJB4 (DnaJ homolog subfamily B member 4), also known as HLJ1, is expressed in skeletal muscle, heart and pancreas, and lower expression in brain, placenta and liver.

Product:

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

Molecular Weight:

~ 40 kDa

Swiss-Prot:

Q9UDY4

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℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

DnaJB4 (R120) polyclonal antibody detects endogenous levels of DnaJB4 protein.

DATA:

Western blot (WB) analysis of DnaJB4 (R120) pAb at 1:500 dilution

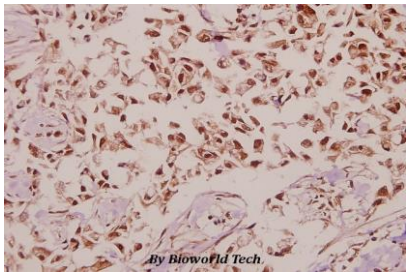
Lane1:PANC1 whole cell lysate(40ug)

Lane2:HEK293T whole cell lysate(40ug)

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

Lane4:The Heart tissue lysate of Mouse(40ug)

Lane5:The Heart tissue lysate of Rat(40ug)



Immunohistochemistry (IHC) analyzes of DnaJB4 (R120) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

Note:

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

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