PFKFB2 (Y14) polyclonal antibody

Catalog: BCP01295 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

PFK-1 undergoes activation in the presence of elevated AMP. The most potent activator is fructose-2,6-bisphosphate, which is produced by PFK-2 from the same substrate, fructose 6-phosphate. PFK-2 is bifunctional and a key regulator for PFK-1. PFK-2 catalyzes the synthesis of fructose-2,6-bisphosphate, and contains fructose-2,6-biphosphatase activity that catalyzes the degradation of fructose-2,6-bisphosphate. PFK-2 is dimeric and isoenzymes include PFK-2 liver (PFKFB1, PFRX), PFK-2 cardiac (PFKFB2), PFK-2 placental (PFKFB3, inducible PFK-2) and PFK-2 testis (PFKFB4).

Product:

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

Molecular Weight:

~ 58 kDa

Swiss-Prot:

O60825

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

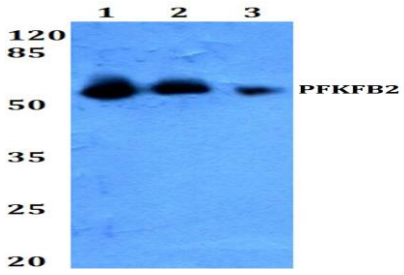
Storage&Stability:

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

Specificity:

PFKFB2 (Y14) polyclonal antibody detects endogenous levels of PFKFB2 protein.

DATA:



Western blot (WB) analysis of PFKFB2 (Y14) pAb at 1:500 dilution

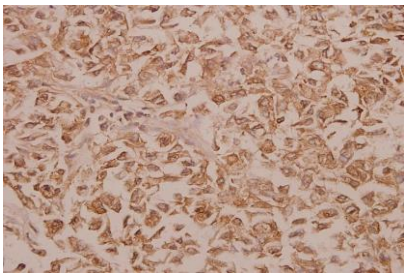
Lane1:A549 whole cell lysate(40ug)

Lane2:PC3 whole cell lysate(40ug)

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

Lane4:Hela whole cell lysate(40ug)

Lane5:U-87MG whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of PFKFB2 (Y14) 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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