

PFKFB1/4 (E349) polyclonal antibody

Catalog: BS2079

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 bi-functional and a key regulator for PFK-1. PFK-2 catalyzes the synthesis of fructose-2,6-bisphosphate, and contains fructose-2,6-bisphosphatase 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:

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

Molecular Weight:

~ 54 kDa

Swiss-Prot:

P16118/Q16877

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

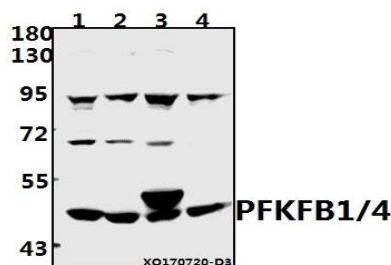
Storage&Stability:

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

Specificity:

PFKFB1/4 (E349) polyclonal antibody detects endogenous levels of PFKFB1/4 protein.

DATA:



Western blot (WB) analysis of PFKFB1/4 (E349) pAb at 1:1000 dilution

Lane1:K562 whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:PC12 whole cell lysate(40ug)

Lane4:AML-12 whole cell lysate(40ug)

Note:

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

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