

HXK III (V848) polyclonal antibody

Catalog: BS2477

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Hexokinases phosphorylate glucose to produce glucose 6 phosphate, thus committing glucose to the glycolytic pathway. In vertebrates there are four major glucose phosphorylating isoenzymes, designated hexokinase I, II, III and IV (glucokinase). Similar to hexokinases I and II, the allosteric enzyme hexokinase III is inhibited by its product glucose 6 phosphate. The catalytic activity of hexokinase III is associated with the C terminus while regulatory function is associated with the N terminus.

Product:

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

Molecular Weight:

~ 99 kDa

Swiss-Prot:

P52790

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

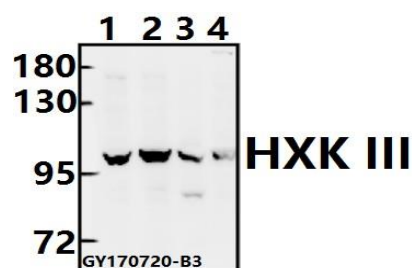
Storage&Stability:

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

Specificity:

HXK III (V848) polyclonal antibody detects endogenous levels of HXK III protein.

DATA:



Western blot (WB) analysis of HXK III (V848) pAb at 1:500 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:H1792 whole cell lysate(40ug)

Lane3:AML-12 whole cell lysate(40ug)

Lane4:PC12 whole cell lysate(40ug)

Note:

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

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