

## HXK I (F67) polyclonal antibody

Catalog: BS1947

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes a ubiquitous form of hexokinase which localizes to the outer membrane of mitochondria. Mutations in this gene have been associated with hemolytic anemia due to hexokinase deficiency. Alternative splicing of this gene results in five transcript variants which encode different isoforms, some of which are tissue-specific. Each isoform has a distinct N-terminus; the remainder of the protein is identical among all the isoforms. A sixth transcript variant has been described, but due to the presence of several stop codons, it is not thought to encode a protein.

### Product:

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

### Molecular Weight:

~ 102 kDa

### Swiss-Prot:

P19367

### 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

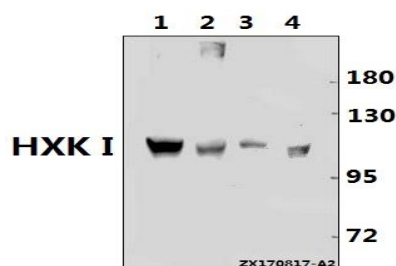
### Storage&Stability:

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

### Specificity:

HXK I (F67) polyclonal antibody detects endogenous levels of HXK I protein.

### DATA:



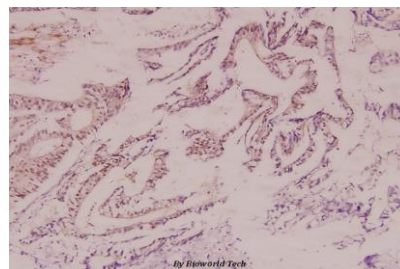
Western blot (WB) analysis of HXK I (F67) pAb at 1:500 dilution

Lane1:U-87MG whole cell lysate(40ug)

Lane2:C6 whole cell lysate(40ug)

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

Lane4:MEF whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of HXK I (F67) pAb in paraffin-embedded human colorectal cancer carcinoma tissue at 1:100.

### Note:

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

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