

HK1

Reactivity:Human Mouse Rat

Tested applications:WB IHC ICC IF IP FC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100
IP 1:20 - 1:50 FC 1:20 - 1:50

Calculated MW:102 kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human HK1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HK; HKD; HKI; HXK1; HMSNR; HK1-ta; HK1-tb; HK1-tc; hexokinase;

Catalog #:A10886

Antibody Type:

Monoclonal Antibody

Species:Rabbit

Gene ID:3098

Isotype:IgG

Swiss Prot:P19367

Purity:Affinity purification

For research use only.

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 several transcript variants which encode different isoforms, some of which are tissue-specific.

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