

Cat. No:	AB-84305
Size:	100ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human HK2
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Molecular Weight:	102kDa
Purification:	Aff. Pur.
Synonyms:	HK2;HKII;HXK2;hexokinase-2
Background:	Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes hexokinase 2, the predominant form found in skeletal muscle. It localizes to the outer membrane of mitochondria. Expression of this gene is insulin-responsive, and studies in rat suggest that it is involved in the increased rate of glycolysis seen in rapidly growing cancer cells.
Form:	Liquid
Buffer:	Liquid in PBS containing 0.02% sodium azide, 50% glycerol, Ph7.3.
Storage:	Store at -20°C, and avoid repeat freeze-thaw cycles.

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