OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA392734M

Hexokinase 1 (HK1) Rabbit Polyclonal Antibody

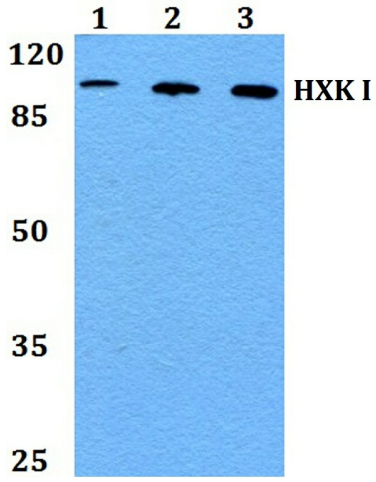
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000 IHC: 1:50~1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 30-80 of Human HXK I.
Specificity:	HXK I (F67) polyclonal antibody detects endogenous levels of HXK I protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 102 kDa
Gene Name:	hexokinase 1
Database Link:	Entrez Gene 3098 Human P19367
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.
Synonyms:	Brain form hexokinase; Hexokinase-1; Hexokinase 1; Hexokinase type I; HK1; HK I

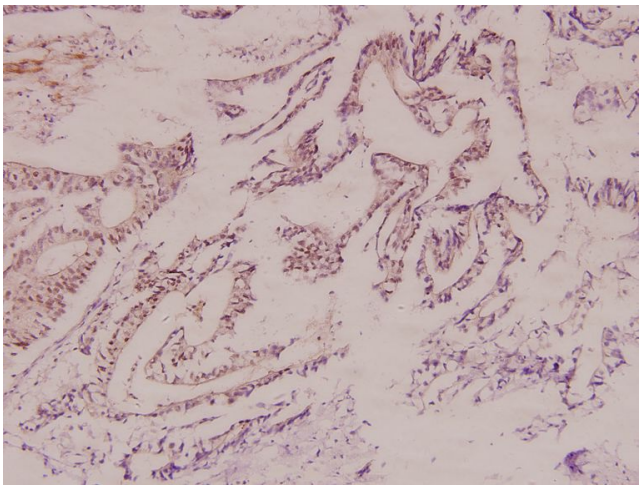
View online »

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

Product images:



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.