

HK1/HK2 antibody

Catalog No: #31975

Package Size: #31975-1 50ul #31975-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

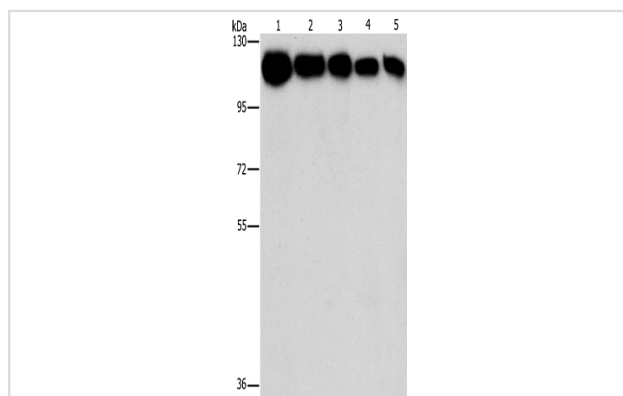
Description

Product Name	HK1/HK2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Fusion protein of human HK1/HK2
Target Name	HK1/HK2
Other Names	HK; HKD; HKI; HXK1; RP79; HMSNR; HK1-ta; HK1-tb; HK1-tc; hexokinase; HKII; HXK2
Accession No.	NCBI Protein#:BC021116
Uniprot	P19367/P52789
GeneID	3099
Calculated MW	102 kDa
Concentration	0.6mg/ml
Formulation	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Storage	Store at -20°C/1 year

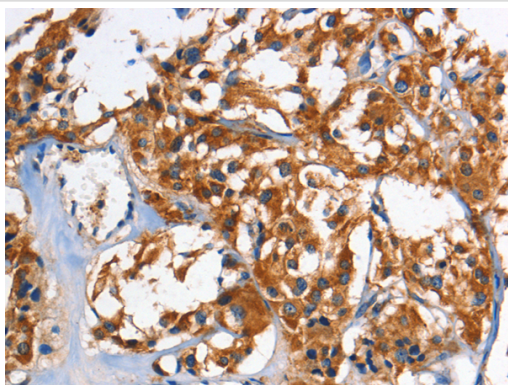
Application Details

WB dilution:1:1000-1:5000IHC dilution:1:100-1:300

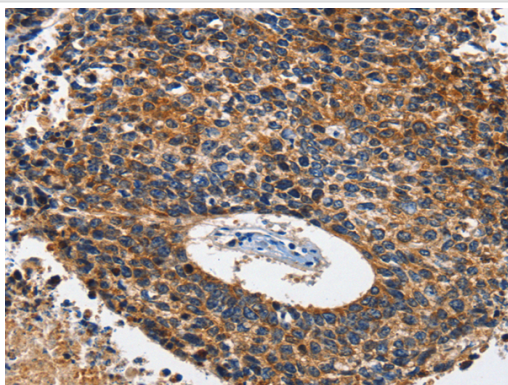
Images



Gel: 10%SDS-PAGE, Lysate: 40 µg, Lane 1-5: A431 cells, K562 cells, 231 cells, hela cells, hepG2 cells, Primary antibody:HK1/HK2 Antibody at dilution 1/1200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 second



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using (HK1/HK2 Antibody) at dilution 1/60.



The image is immunohistochemistry of paraffin-embedded Human lung cancer tissue using (HK1/HK2 Antibody) at dilution 1/60.

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.

Note: This product is for in vitro research use only