

Fructose 6 Phosphate Kinase Rabbit mAb

Catalog No: #59679

Package Size: #59679-1 50ul #59679-2 100ul

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

Description

Product Name	Fructose 6 Phosphate Kinase Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	Fructose 6 Phosphate Kinase Antibody detects endogenous levels of total Fructose 6 Phosphate Kinase
Immunogen Description	A synthesized peptide derived from human Fructose 6 Phosphate Kinase
Other Names	GSD7; PFK1; PFKA; PFKX; PFK-1; Phosphohexokinase;
Accession No.	Uniprot:P08237
Calculated MW	Predicted band size: 85 kDa
SDS-PAGE MW	Observed band size: 85 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

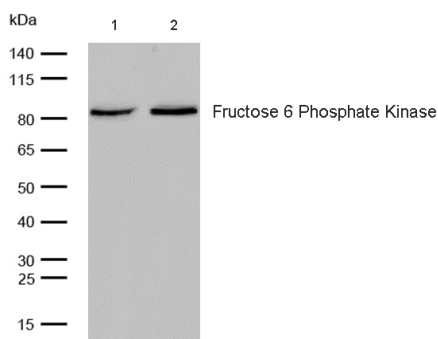
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



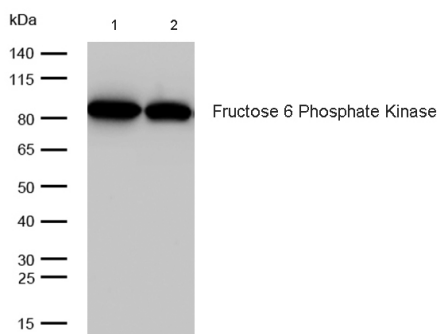
All lanes: Fructose 6 Phosphate Kinase Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : MCF-7 whole cell lysates
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 85 kDa
Observed band size: 85 kDa

Exposure time: 5 seconds



All lanes: Fructose 6 Phosphate Kinase Rabbit mAb at 1/1k dilution

Lane 1 : Mouse brain lysates Lane 2 : Rat heart lysates
Lysates/proteins at 20 µg per lane.

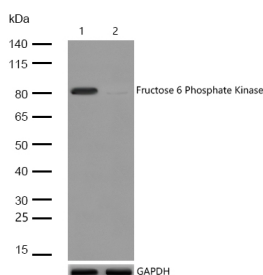
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 85 kDa

Observed band size: 85 kDa

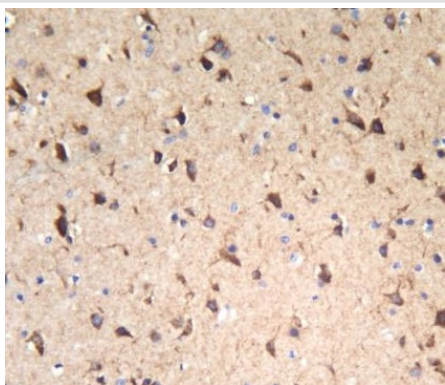
Exposure time: 4 seconds



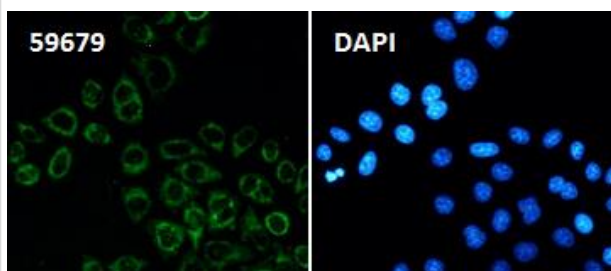
All lanes:Fructose 6 Phosphate Kinase Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type A549 cell lysate
Lane 2 :Fructose 6 Phosphate Kinase Rabbit mAb knockdown A549 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human brain tissue stained for Fructose 6 Phosphate Kinase using 59679 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Fructose 6 Phosphate Kinase antibody (59679)

ICC/IF staining of Fructose 6 Phosphate Kinase in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59679 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Background

Carbohydrate degradation; glycolysis; D-glyceraldehyde 3-phosphate and glycerone phosphate from D-glucose: step 3/4.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.