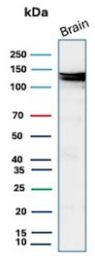
Hexokinase 1 Antibody / HK1 [clone HK1/9517] (V5727)

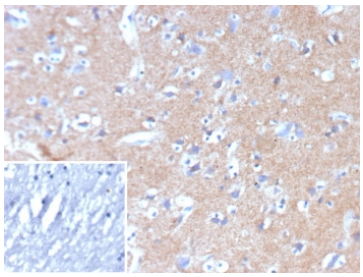
Catalog No.	Formulation	Size
V5727-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5727-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5727SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

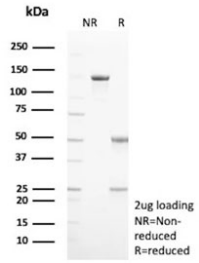
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	HK1/9517
Purity	Protein G affinity
UniProt	P19367
Applications	Immunohistochemistry (FFPE): 1-2ug/ml Western blot: 2-4ug/ml
Limitations	This Hexokinase 1 antibody is available for research use only.



Western blot testing of human brain tissue lysate with Hexokinase 1 antibody (clone HK1/9517). Predicted molecular weight ~120 kDa.



IHC staining of FFPE human brain tissue with Hexokinase 1 antibody (clone HK1/9517). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Hexokinase 1 antibody (clone HK1/9517) as confirmation of integrity and purity.

Description

Catalyzes the phosphorylation of various hexoses, such as D-glucose, D-glucosamine, D-fructose, D-mannose and 2-deoxy-D-glucose, to hexose 6-phosphate (D-glucose 6-phosphate, D-glucosamine 6-phosphate, D-fructose 6-phosphate, D-mannose 6-phosphate and 2-deoxy-D-glucose 6-phosphate, respectively). [UniProt]

For additional information on hexokinase-1 biology and complementary antibody validation, visit our HK1 Antibody 4B7 / Glycolysis Enzyme Antibody page.

Application Notes

Optimal dilution of the Hexokinase 1 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 1-200 from human HK1 protein was used as the immunogen for the Hexokinase 1 antibody.

Storage

Aliquot the Hexokinase 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
Copyright © NSJ Bioreagents. All rights reserved.