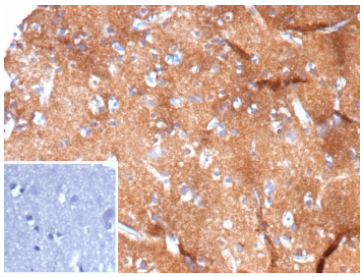
HK1 Antibody / Hexokinase 1 [clone HK1/9508] (V5730)

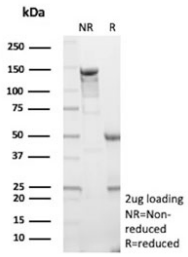
Catalog No.	Formulation	Size
V5730-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5730-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5730SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

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	HK1/9508
Purity	Protein G affinity
UniProt	P19367
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This HK1 antibody is available for research use only.



IHC staining of FFPE human brain tissue with HK1 antibody (clone HK1/9508). 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 HK1 antibody (clone HK1/9508) as confirmation of integrity and purity.

Description

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.

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 HK1 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 HK1 antibody.

Storage

Aliquot the HK1 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
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