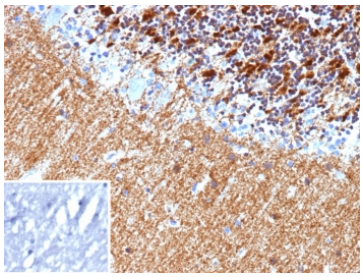
Hexokinase 1 Antibody / HK1 [clone HK1/9514] (V5725)

Catalog No.	Formulation	Size
V5725-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5725-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5725SAF-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	HK1/9514
Purity	Protein G affinity
UniProt	P19367
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Hexokinase 1 antibody is available for research use only.



IHC staining of FFPE human brain tissue with Hexokinase 1 antibody (clone HK1/9514). 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.

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 Hexokinase 1 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 1-250 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.

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