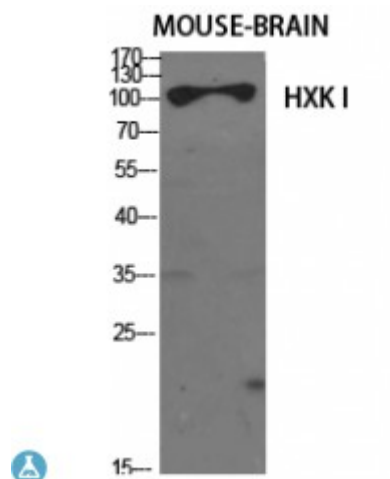


## Anti-HXK I antibody



<b>Description</b>	Rabbit polyclonal to HXK I.
<b>Model</b>	STJ93630
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, IF, IHC, WB
<b>Immunogen</b>	Synthesized peptide derived from human HXK I
<b>Immunogen Region</b>	1-80 aa, N-terminal
<b>Gene ID</b>	<a href="#">3098</a>
<b>Gene Symbol</b>	<a href="#">HK1</a>
<b>Dilution range</b>	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
<b>Specificity</b>	HXK I Polyclonal Antibody detects endogenous levels of HXK I protein.
<b>Tissue Specificity</b>	Isoform 2 is erythrocyte specific. Isoform 3 and isoform 4 are testis-specific.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Hexokinase-1 Brain form hexokinase Hexokinase type I HK I
<b>Molecular Weight</b>	109 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated

<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:4922OMIM:142600</a>
<b>Alternative Names</b>	Hexokinase-1 Brain form hexokinase Hexokinase type I HK I
<b>Sequence and Domain Family</b>	The N- and C-terminal halves of this hexokinase show extensive sequence similarity to each other. The catalytic activity is associated with the C-terminus while regulatory function is associated with the N-terminus. Each domain can bind a single glucose and Gluc-6-P molecule.
<b>Cellular Localization</b>	Mitochondrion outer membrane. Its hydrophobic N-terminal sequence may be involved in membrane binding.

---

**St John's Laboratory Ltd**

**F** +44 (0)207 681 2580

**T** +44 (0)208 223 3081

**W** <http://www.stjohnslabs.com/>

**E** [info@stjohnslabs.com](mailto:info@stjohnslabs.com)