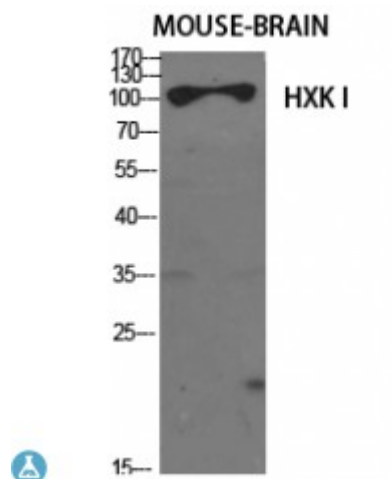


Anti-HXK I antibody



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

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4922OMIM:142600
Alternative Names	Hexokinase-1 Brain form hexokinase Hexokinase type I HK I
Sequence and Domain Family	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.
Cellular Localization	Mitochondrion outer membrane. Its hydrophobic N-terminal sequence may be involved in membrane binding.

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