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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

HK1 polyclonal antibody (A01)

Catalog # : H00003098-A01

規格 : [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant HK1.

Immunogen: HK1 (NP_277031, 101 a.a. ~ 200 a.a) partial recombinant protein with GST tag.

Sequence: NQNVHMESEVYDTPENIVHGSGSQLFDHVAECLGDFMEKRKIKDKKLPV
GFTFSFPCQQSKIDEAILITWTKRFKASGVEGADVVKLLNKAIKKRGDYD
A

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.11 kDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [3098](#)

GeneBank Accession#: [NM_033496](#)

Protein Accession#: [NP_277031](#)

Gene Name: HK1

Gene Alias: HK1-ta, HK1-tb, HK1-tc, HKI, HXK1

Gene Description: hexokinase 1

Omim ID: [142600](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. Mutations in this gene have been associated with hemolytic anemia due to hexokinase deficiency. Alternative splicing of this gene results in five transcript variants which encode different isoforms, some of which are tissue-specific. Each isoform has a distinct N-terminus; the remainder of the protein is identical among all the isoforms. A sixth transcript variant has been described, but due to the presence of several stop codons, it is not thought to encode a protein. [provided by RefSeq]

Other Designations: OTTHUMP00000019725, brain form hexokinase, glycolytic enzyme

Gene Pathway

[Amino sugar and nucleotide sugar metabolism](#)
[Biosynthesis of alkaloids derived from histidine and purine](#)
[Biosynthesis of alkaloids derived from ornithine, lysine and nicotinic acid](#)
[Biosynthesis of alkaloids derived from shikimate pathway](#)
[Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
[Biosynthesis of phenylpropanoids](#) [Biosynthesis of plant hormones](#)
[Biosynthesis of terpenoids and steroids](#) [Fructose and mannose metabolism](#)
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[Type II diabetes mellitus](#)

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