

## Anti-HEXOKINASE (Yeast) (RABBIT) Antibody - 100-4159

**Code:** 100-4159

**Size:** 2 mL

**Product Description:** Anti-HEXOKINASE (Yeast) (RABBIT) Antibody - 100-4159

**Concentration:** 80 mg/mL by Refractometry

**PhysicalState:** Lyophilized

<b>Label</b>	Unconjugated
<b>Host</b>	Rabbit
<b>Gene Name</b>	HXK2
<b>Species Reactivity</b>	Hexokinase [Yeast]
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Reconstitution Volume</b>	2.0 mL
<b>Reconstitution Buffer</b>	Restore with deionized water (or equivalent)
<b>Stabilizer</b>	None
<b>Preservative</b>	0.01% (w/v) Sodium Azide
<b>Storage Condition</b>	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Synonyms</b>	rabbit anti-Hexokinase Antibody, DKFZp686M1669 antibody, Hexokinase 2 antibody, Hexokinase 2 muscle antibody, Hexokinase type II antibody
<b>Application Note</b>	Anti-Hexokinase is suitable for use in ELISA, western blot, and immunohistochemistry. Specific conditions for reactivity should be optimized by the end user.
<b>Background</b>	Hexokinase is the main glucose phosphorylating enzyme. It may play a regulatory role in both induction and repression of gene expression by glucose. In yeast there are three glucose-phosphorylating isoenzymes, designated hexokinase I, II and glucokinase. This protein is involved in the pathway hexose metabolism, which is part of Carbohydrate metabolism.
<b>Purity And Specificity</b>	This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, purified and partially purified Hexokinase [Yeast]. Cross reactivity against Hexokinase from other tissues and species may occur but have not been specifically determined.
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:5,000 - 1:25,000
<b>Western Blot</b>	1:500 - 1:3,000
<b>Immunohistochemistry</b>	User Optimized
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.
<b>Immunogen</b>	Hexokinase [Yeast]
<b>Related Products</b>	
	111-1102 Anti-RABBIT IgG (H&L) (GOAT) Antibody - 111-1102
	611-1302 Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
	KCB003 HRP Western Blot Anti-Rabbit IgG Antibody - KCB003
	MB-070 Blocking Buffer for Fluorescent Western Blotting - MB-070

## Related Links

UniProtKB - P04806

<http://www.uniprot.org/uniprot/P04806>

NCBI -  
CAA96973.1

<http://www.ncbi.nlm.nih.gov/protein/CAA96973.1>

UniProtKB - P04807

<http://www.uniprot.org/uniprot/P04807>

GeneID - 852639

<http://www.ncbi.nlm.nih.gov/gene/852639>

## Disclaimer

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