Datasheet for ABIN100460

anti-Hexokinase antibody

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Overview

Quantity:	100 µg
Target:	Hexokinase
Reactivity:	Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hexokinase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Anti-Hexokinase Antibody was produced by repeated immunizations with yeast hexokinase protein. Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Hexokinase from other tissues and species may occur but have not been specifically determined.
Purity:	Anti-Hexokinase is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Hexokinase [Yeast].
Endotoxin Level:	Low Endotoxin : No

Target Details

Target:	Hexokinase
Abstract:	Hexokinase Products
Background:	Anti-Hexokinase antibody detects hexokinase. Hexokinase is an enzyme that phosphorylates hexoses (six-carbon sugars), forming hexose phosphate. In most organisms, glucose is the most important substrate of hexokinases, and glucose-6-phosphate the most important product. Anti-Hexokinase Antibody is ideal for investigators involved in Cell Signaling, Neuroscience and Signal Transduction research. Synonyms: DKFZp686M1669 antibody, Hexokinase 2 antibody, Hexokinase 2 muscle antibody, Hexokinase type II antibody
Gene ID:	852639
UniProt:	P04807

Application Details

Application Notes:	Anti-Hexokinase Antibody is suitable for western blotting, IHC and for ELISA. Researchers should determine optimal titers for applications that are not stated below. ELISA Dilution: 1:565.000 Western Blot Dilution: 1:500 - 1:2.000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Handling Advice:	Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store vial at -20 °C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below.
Expiry Date:	Expiration date is one (1) year from date of opening.

Publications

Product cited in:	Tempfer, Kaser-Eichberger, Lehner, Gehwolf, Korntner, Kunkel, Wagner, Gruetz, Heindl, Schroedl, Traweger: "Bevacizumab Improves Achilles Tendon Repair in a Rat Model." in: **Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology**, Vol. 46, Issue 3, pp. 1148-1158, (2018) (PubMed).