

Product datasheet

Anti-Hexokinase II antibody - N-terminal ab71725

2 图像

概述

产品名称	Anti-Hexokinase II抗体- N-terminal
描述	兔多克隆抗体to Hexokinase II - N-terminal
宿主	Rabbit
经测试应用	适用于: ELISA, IHC-P, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide from the N-terminal region of human Hexokinase II conjugated to KLH
阳性对照	A375 cell lysate and human skeletal muscle tissue.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: PBS
纯度	Protein G purified
纯化说明	ab71725 is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab71725** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

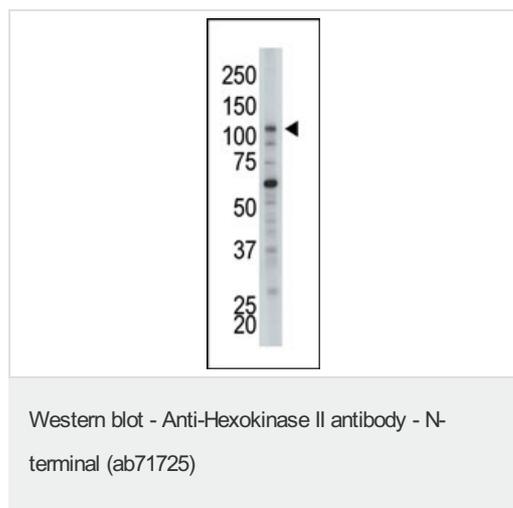
应用	Ab评论	说明
ELISA		1/1000.
IHC-P		1/50 - 1/100.

应用	Ab评论	说明
WB		1/100 - 1/500. Detects a band of approximately 102 kDa (predicted molecular weight: 102 kDa).

靶标

组织特异性	Predominant hexokinase isozyme expressed in insulin-responsive tissues such as skeletal muscle.
通路	Carbohydrate metabolism; hexose metabolism.
序列相似性	Belongs to the hexokinase family. Contains 2 hexokinase domains.
结构域	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.
细胞定位	Mitochondrion outer membrane. Its hydrophobic N-terminal sequence may be involved in membrane binding.

图片

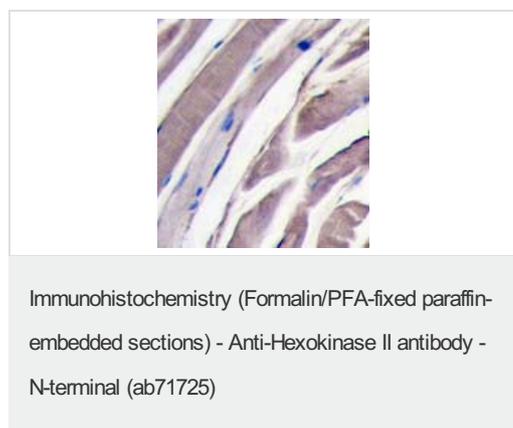


Anti-Hexokinase II antibody - N-terminal (ab71725) at 1/100 dilution + A375 cell lysate at 12.5 µg

Predicted band size: 102 kDa

Observed band size: 102 kDa

Additional bands at: 65 kDa. We are unsure as to the identity of these extra bands.



ab71725 at 1/50 dilution, staining Hexokinase II in human skeletal muscle by Immunohistochemistry, Formalin-fixed, Paraffin-embedded tissue, followed by peroxidase-conjugated secondary antibody and DAB staining.

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