

Product datasheet

Anti-Hexokinase II antibody ab71296

1 图像

概述

|       |  |
|-------|--|
| 产品名称  | Anti-Hexokinase II抗体   |
| 描述    | 兔多克隆抗体to Hexokinase II   |
| 宿主    | Rabbit   |
| 经测试应用 | 适用于: ELISA, WB   |
| 种属反应性 | 与反应: Human   |
| 免疫原   | Synthetic peptide from the central region of Human Hexokinase II, conjugated to KLH. |
| 阳性对照  | Jurkat cell line lysate.   |

性能

|      |   |
|------|---|
| 形式   | Liquid  |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.   |
| 存储溶液 | Preservative: 0.09% Sodium Azide<br>Constituents: PBS   |
| 纯度   | Protein G purified  |
| 纯化说明 | ab71296 was 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 **ab71296** in the following tested applications.

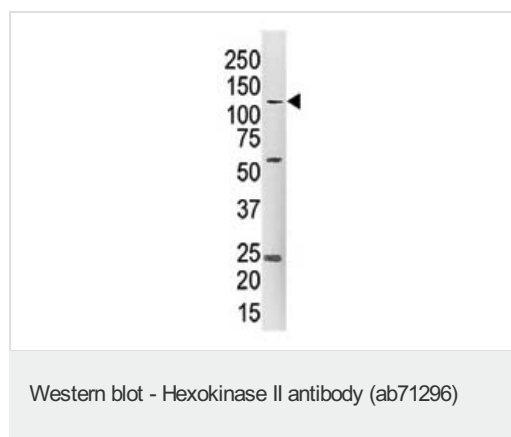
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用    | Ab评论 | 说明   |
|-------|------|--|
| ELISA |      | 1/1000.  |
| WB    |      | 1/60 - 1/500. Detects a band of approximately 120 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.<br>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 (ab71296) at 1/60 dilution + Jurkat cell line lysate at 35 µg

**Predicted band size:** 102 kDa

**Observed band size:** 120 kDa

**Additional bands at:** 25 kDa, 60 kDa. We are unsure as to the identity of these extra bands.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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