

# Anti-Hexokinase 1 antibody ab150013

## 2 图像

### 概述

产品名称	Anti-Hexokinase 1抗体
描述	兔多克隆抗体to Hexokinase 1
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Horse, Cow, Dog, Chimpanzee, Macaque monkey, Gorilla, Orangutan 
免疫原	Synthetic peptide corresponding to Human Hexokinase 1 aa 50-150 conjugated to keyhole limpet haemocyanin. (Peptide available as <a href="#">ab134654</a> )
阳性对照	This antibody gave a positive signal in Hexokinase 1 Recombinant Protein and Human Testis tissue lysate as well as the following whole cell lysates: HeLa; MCF7; K562.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab150013于以下的经测试应用

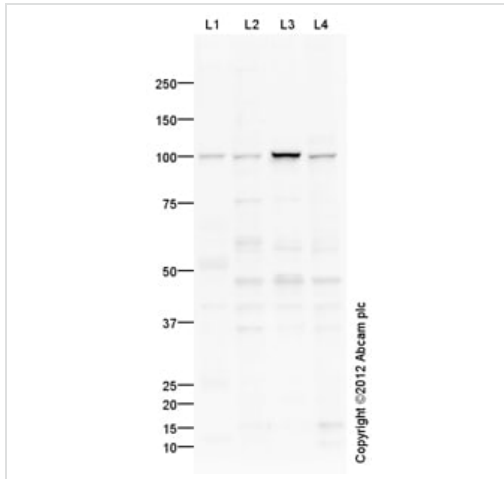
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 102 kDa (predicted molecular weight: 102 kDa).

靶标

组织特异性	Isoform 2 is erythrocyte specific. Isoform 3 and isoform 4 are testis-specific.
通路	Carbohydrate metabolism; hexose metabolism.
疾病相关	Hexokinase deficiency Neuropathy, hereditary motor and sensory, Russe type
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



Western blot - Anti-Hexokinase 1 antibody  
(ab150013)

**All lanes :** Anti-Hexokinase 1 antibody (ab150013) at 1 µg/ml

**Lane 1 :** Human testis tissue lysate - total protein ([ab30257](#))

**Lane 2 :** HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

**Lane 3 :** MCF7 (Human breast adenocarcinoma cell line) Whole Cell Lysate

**Lane 4 :** K562 (Human erythromyeloblastoid leukemia cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

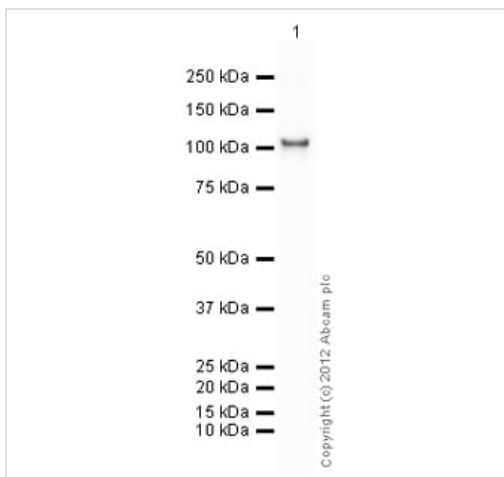
Performed under reducing conditions.

**Predicted band size:** 102 kDa

**Observed band size:** 102 kDa

**Additional bands at:** 46 kDa, 60 kDa, 75 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 16 minutes



Western blot - Anti-Hexokinase 1 antibody  
(ab150013)

Anti-Hexokinase 1 antibody (ab150013) at 1/1 dilution +

Recombinant human Hexokinase 1 protein ([ab85918](#)) at 0.1 µg

### Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 102 kDa

**Observed band size:** 102 kDa

**Exposure time:** 1 minute

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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