abcam

Product datasheet

Anti-HPRT antibody ab97698

1 References 1 图像

概述

产品名称	Anti-HPRT抗体
描述	**兔多克隆抗体**to HPRT
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, Cow, Dog, Pig, Zebrafish
免疫原	Recombinant fragment, corresponding to amino acids 1-173 of Human HPRT (NP_000185).
阳性对照	IMR32 whole cell lysate; A549 and HCT116 cell lysates.
常规说明	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. 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&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
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**ab97698**于以下的**经测试应用

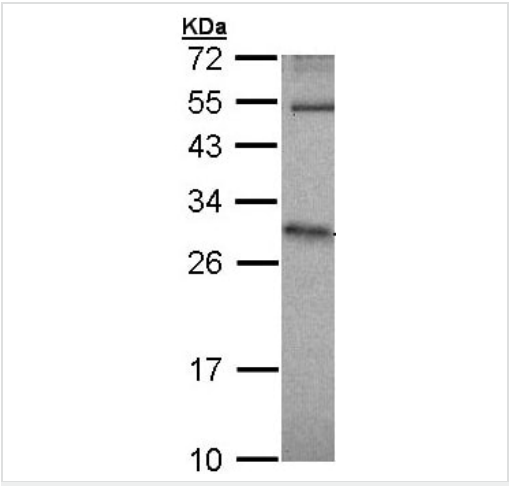
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000. Predicted molecular weight: 25 kDa.

靶标

功能	Converts guanine to guanosine monophosphate, and hypoxanthine to inosine monophosphate. Transfers the 5-phosphoribosyl group from 5-phosphoribosylpyrophosphate onto the purine. Plays a central role in the generation of purine nucleotides through the purine salvage pathway.
通路	Purine metabolism; IMP biosynthesis via salvage pathway; IMP from hypoxanthine: step 1/1.
疾病相关	Defects in HPRT1 are the cause of Lesch-Nyhan syndrome (LNS) [MIM:300322]. LNS is characterized by complete lack of enzymatic activity that results in hyperuricemia, choreoathetosis, mental retardation, and compulsive self-mutilation. Defects in HPRT1 are the cause of gout HPRT-related (GOUT-HPRT) [MIM:300323]; also known as HPRT-related gout or Kelley-Seegmiller syndrome. Gout is characterized by partial enzyme activity and hyperuricemia.
序列相似性	Belongs to the purine/pyrimidine phosphoribosyltransferase family.
细胞定位	Cytoplasm.

图片



Western blot - Anti-HPRT antibody (ab97698)

Anti-HPRT antibody (ab97698) at 1/1000 dilution + IMR32 whole cell lysate at 30 µg

Predicted band size: 25 kDa

12% SDS-PAGE.

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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
- We investigate all quality concerns to ensure our products perform to the highest standards

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