

Anti-Triosephosphate isomerase antibody ab96696

★★★★★ [1 Abreviews](#) [8 References](#) [2 图像](#)

概述

产品名称	Anti-Triosephosphate isomerase 抗体
描述	兔多克隆抗体 to Triosephosphate isomerase
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide, corresponding to a region within amino acids 187-249 of Human Triosephosphate isomerase (NP_000356).
阳性对照	WB: 293T, HeLaS3, HepG2 and Raji cell lysates; A431, H1299, whole cell lysates. IHC-P: SNU16 tissue
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&As</p>

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	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 78% PBS, 1% BSA, 20% 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 ab96696 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)	1/500 - 1/3000. Predicted molecular weight: 27 kDa.
IHC-P		1/100.

靶标

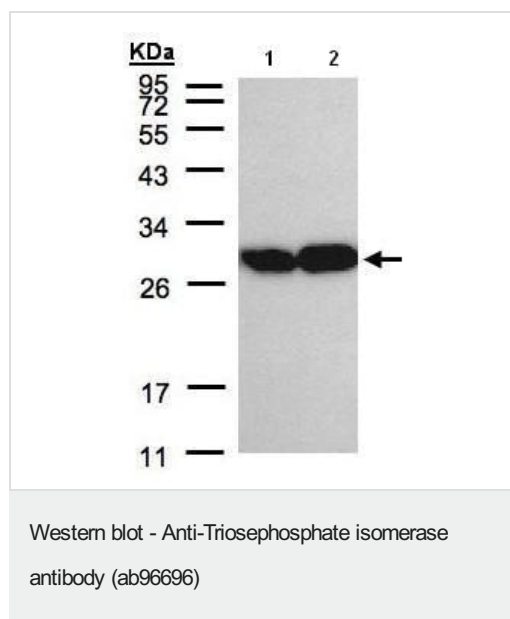
相关性

Triosephosphate isomerase (TIM) catalyses the reversible interconversion of G3P and DHAP. Only G3P can be used in glycolysis, therefore TIM is essential for energy production, allowing two molecules of G3P to be produced for every glucose molecule, thereby doubling the energy yield. Defects in TPI1 are the cause of triosephosphate isomerase deficiency (TPI deficiency) [MIM:190450]. TPI deficiency is an autosomal recessive disorder. It is the most severe clinical disorder of glycolysis. It is associated with neonatal jaundice, chronic hemolytic anemia, progressive neuromuscular dysfunction, cardiomyopathy and increased susceptibility to infection.

细胞定位

Cytoplasmic and Nuclear; extracellular vesicle exosome; extracellular space.

图片



All lanes : Anti-Triosephosphate isomerase antibody (ab96696) at 1/2000 dilution

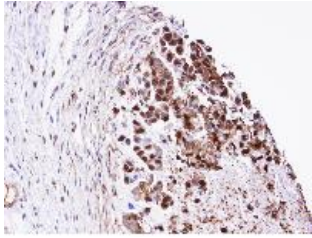
Lane 1 : A431 whole cell lysate

Lane 2 : H1299 whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 27 kDa

12% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Triosephosphate isomerase antibody (ab96696)

ab96696, at a 1/100 dilution, staining Triosephosphate isomerase in paraffin embedded SNU16 (human) by Immunohistochemical analysis.

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

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