abcam

Product datasheet

Anti-GAPDH antibody (HRP) ab85760

6 References 1 图像

概述

产品名称	Anti-GAPDH抗体(HRP)
描述	**山羊多克隆抗体**to GAPDH (HRP)
宿主	Goat
偶联物	HRP
经测试应用	**适用于:** WB, IHC-P
种属反应性	**与反应:** Mouse, Rat, Rabbit, Goat, Chicken, Hamster, Cow, Human, Pig, Fish, Escherichia coli
免疫原	Full length native GAPDH protein purified from Rabbit muscle.
阳性对照	Breast tissue.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 7.40 Preservative: 0.01% Thimerosal (merthiolate) Constituents: PBS, 1% BSA
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ab85760于以下的经测试应用**

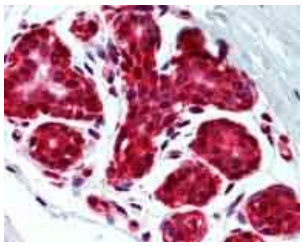
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent dilution. Predicted molecular weight: 36 kDa.
IHC-P		Use a concentration of 2.5 µg/ml.

靶标

功能	Has both glyceraldehyde-3-phosphate dehydrogenase and nitrosylase activities, thereby playing a role in glycolysis and nuclear functions, respectively. Participates in nuclear events including transcription, RNA transport, DNA replication and apoptosis. Nuclear functions are probably due to the nitrosylase activity that mediates cysteine S-nitrosylation of nuclear target proteins such as SIRT1, HDAC2 and PRKDC (By similarity). Glyceraldehyde-3-phosphate dehydrogenase is a key enzyme in glycolysis that catalyzes the first step of the pathway by converting D-glyceraldehyde 3-phosphate (G3P) into 3-phospho-D-glyceroyl phosphate.
通路	Carbohydrate degradation; glycolysis; pyruvate from D-glyceraldehyde 3-phosphate: step 1/5.
序列相似性	Belongs to the glyceraldehyde-3-phosphate dehydrogenase family.
翻译后修饰	S-nitrosylation of Cys-152 leads to interaction with SIAH1, followed by translocation to the nucleus. ISGylated.
细胞定位	Cytoplasm > cytosol. Nucleus. Cytoplasm > perinuclear region. Membrane. Translocates to the nucleus following S-nitrosylation and interaction with SIAH1, which contains a nuclear localization signal (By similarity). Postnuclear and Perinuclear regions.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GAPDH antibody (HRP) (ab85760)

ab85760 at 2.5µg/ml staining GAPDH in breast tissue by Immunohistochemistry (Formalin-fixed paraffin-embedded section).

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