


Anti-AMF antibody ab227472

3 图像

概述

产品名称	Anti-AMF抗体
描述	兔多克隆抗体to AMF
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Human 预测可用于: Rabbit, Cow, Pig, Chimpanzee 
免疫原	Recombinant fragment within Human AMF (internal sequence). The exact sequence is proprietary. Database link: P06744
阳性对照	WB: Raji and NCI-H1299 whole cell lysate. IHC-P: NCI-N87 xenograft tissue. ICC/IF: HepG2 cells.
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

存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. 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ab227472于以下的经测试应用

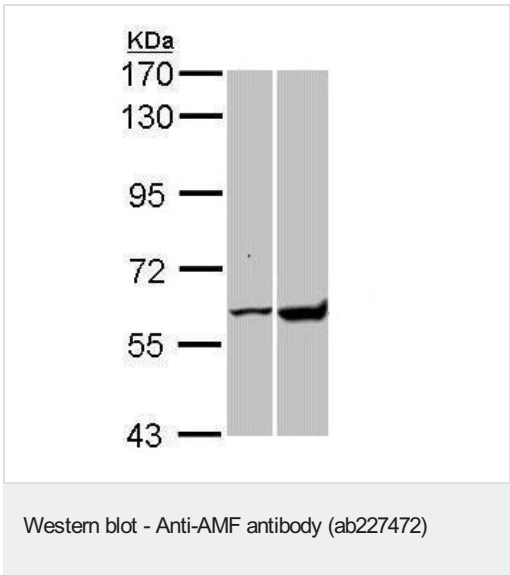
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/5000 - 1/20000. Predicted molecular weight: 63 kDa.
IHC-P		1/100 - 1/1000.
ICC/IF		1/100 - 1/1000.

靶标

功能	Besides it's role as a glycolytic enzyme, mammalian GPI can function as a tumor-secreted cytokine and an angiogenic factor (AMF) that stimulates endothelial cell motility. GPI is also a neurotrophic factor (Neuroleukin) for spinal and sensory neurons.
通路	Carbohydrate degradation; glycolysis; D-glyceraldehyde 3-phosphate and glycerone phosphate from D-glucose: step 2/4.
疾病相关	Defects in GPI are the cause of hemolytic anemia non-spherocytic due to glucose phosphate isomerase deficiency (HA-GPID) [MIM:613470]. It is a form of anemia in which there is no abnormal hemoglobin or spherocytosis. It is caused by glucose phosphate isomerase deficiency. Severe GPI deficiency can be associated with hydrops fetalis, immediate neonatal death and neurological impairment.
序列相似性	Belongs to the GPI family.
翻译后修饰	Phosphorylation at Ser-185 by CK2 has been shown to decrease enzymatic activity and may contribute to secretion by a non-classical secretory pathway. ISGylated.
细胞定位	Cytoplasm. Secreted.

图片



All lanes : Anti-AMF antibody (ab227472) at 1/10000 dilution

Lane 1 : NCI-H1299 (human lung carcinoma cell line) whole cell lysate

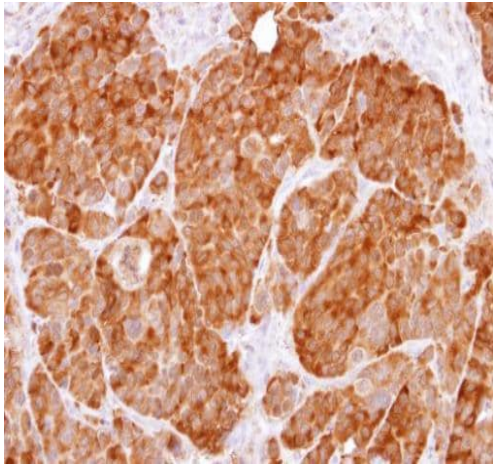
Lane 2 : Raji (human Burkitt's lymphoma cell line) whole cell lysate

Lysates/proteins at 30 µg per lane.

Developed using the ECL technique.

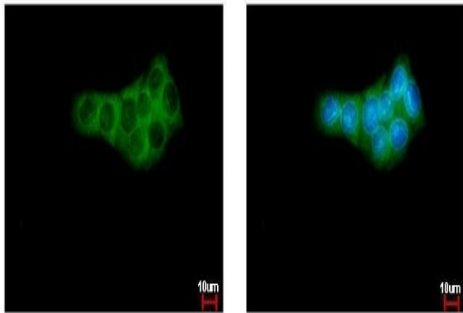
Predicted band size: 63 kDa

7.5% SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AMF antibody (ab227472)

Paraffin-embedded NCI-N87 xenograft tissue stained for AFM with ab227472 at 1/500 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-AMF antibody (ab227472)

HepG2 (human liver hepatocellular carcinoma cell line) cells stained for AFM (green) using ab227472 at 1/500 dilution in ICC/IF. Cells were fixed in ice-cold methanol for 5 minutes.

Blue: Hoechst 33342 staining.

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

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