

Product datasheet

Anti-XBP1 antibody [3H1G4] ab79724

1 References 2 图像

概述

| | |
|-------|---|
| 产品名称 | Anti-XBP1抗体[3H1G4] |
| 描述 | 小鼠单克隆抗体[3H1G4] to XBP1 |
| 宿主 | Mouse |
| 经测试应用 | 适用于: ICC/IF, WB, ELISA |
| 种属反应性 | 与反应: Mouse, Rat, Human |
| 免疫原 | Recombinant protein corresponding to amino acids 2 to 160 of human XBP1 |
| 阳性对照 | XBP1 recombinant protein |
| 常规说明 | Abcam is committed to meeting high standards of ethical manufacturing and has decided to discontinue this product by June 2019 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause. |

性能

| | |
|------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at +4°C. |
| 存储溶液 | Preservative: 0.02% Sodium Azide Constituents: PBS |
| 纯度 | Immunogen affinity purified |
| 克隆 | 单克隆 |
| 克隆编号 | 3H1G4 |
| 同种型 | IgG |

应用

Our [Abpromise guarantee](#) covers the use of **ab79724** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明 |
|--------|------|----------------------------------|
| ICC/IF | | Use a concentration of 20 µg/ml. |

| 应用 | Ab评论 | 说明 |
|-------|------|---|
| WB | | Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 29 kDa. |
| ELISA | | Use at an assay dependent dilution. |

靶标

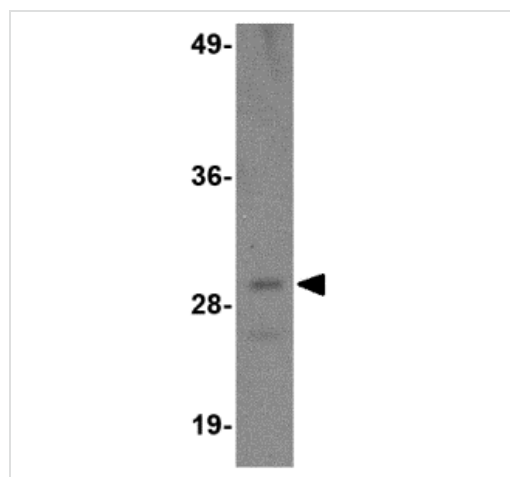
功能 Transcription factor essential for hepatocyte growth, the differentiation of plasma cells, the immunoglobulin secretion, and the unfolded protein response (UPR). Acts during endoplasmic reticulum stress (ER) by activating unfolded protein response (UPR) target genes via direct binding to the UPR element (UPRE). Binds DNA preferably to the CRE-like element 5'-GATGACGTG[*TG*]₃[*AT*]₃-3', and also to some TPA response elements (TRE). Binds to the HLA DR-alpha promoter. Binds to the Tax-responsive element (TRE) of HTLV-I.

疾病相关 Genetic variations in XBP1 could be associated with susceptibility to major affective disorder type 7 (MAFD7) [MIM:612371]. Major affective disorders represent a class of mental disorders characterized by a disturbance in mood as their predominant feature.

序列相似性 Belongs to the bZIP family.
Contains 1 bZIP domain.

细胞定位 Nucleus.

图片

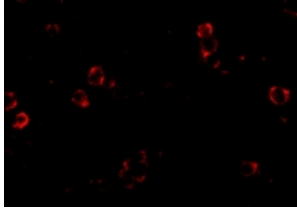


Anti-XBP1 antibody [3H1G4] (ab79724) at 1 µg/ml + XBP1 recombinant protein at 0.1 µg

Predicted band size: 29 kDa

Observed band size: 29 kDa

Western blot - Anti-XBP1 antibody [3H1G4] (ab79724)



Immunofluorescence of XBP1 in HepG2 cells
using ab79724 at 4 ug/ml.

Immunocytochemistry/ Immunofluorescence - Anti-
XBP1 antibody [3H1G4] (ab79724)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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