

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.

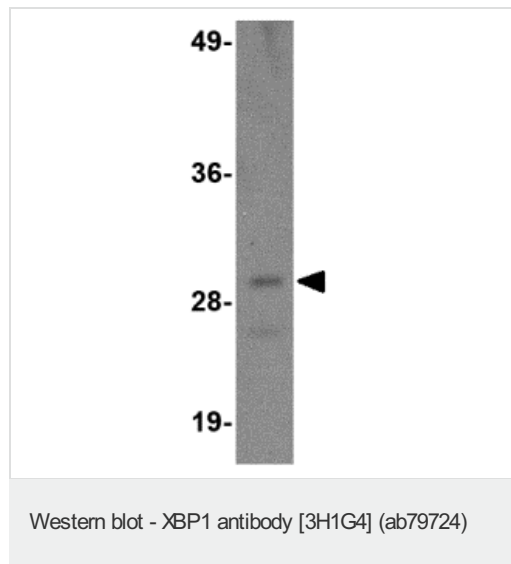
应用	Ab评论	说明
ICC/IF		Use a concentration of 20 µg/ml.

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[<i>TG</i>] ₃ [<i>AT</i>] 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.

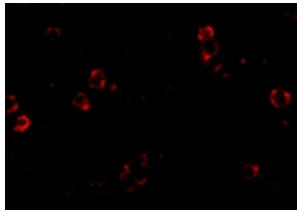
图片



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



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

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

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