

For Research Use Only

XBP1U specific Recombinant monoclonal antibody

Catalog Number: 87794-1-RR



Basic Information

Catalog Number:

87794-1-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC000938

GeneID (NCBI):

7494

UNIPROT ID:

P17861

Full Name:

X-box binding protein 1

Calculated MW:

261 aa, 29 kDa

Observed MW:

32 kDa

Purification Method:

Protein A purification

CloneNo.:

253293C8

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse liver tissue, rat liver tissue

Background Information

X-box-binding protein 1 (XBP1), also named as TREB5, is a 261 amino acid protein, which contains one bZIP domain and belongs to the bZIP family. XBP1 localizes in the nucleus and as a transcription factor is essential for hepatocyte growth, the differentiation of plasma cells, the immunoglobulin secretion, and the unfolded protein response. XBP1 has an association with major affective disorder. The molecular weight of protein generated from the spliced XBP1 mRNA is 54 kDa and protein generated from unspliced Xbp1 mRNA is 33 kDa. This antibody specially recognizes isoform XBP-1U.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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