

Summary

Production Name	XBP1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	XBP1
Alternative Names	XBP1; TREB5; XBP2; X-box-binding protein 1; XBP-1; Tax-responsive element-binding protein 5
Gene ID	7494
SwissProt ID	P17861

Application

Dilution Ratio	WB: 1/500-1/1000 IP: 1/20
Molecular Weight	Calculated MW: 29 kDa; Observed MW: 29 kDa

Product Name: XBP1 Rabbit Monoclonal Antibody
Catalog #: AMRe03817



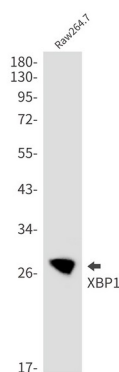
Background

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]N(3)[AT]T-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.

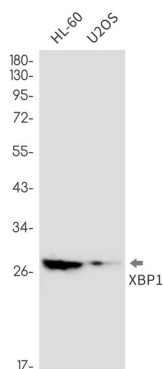
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of XBP1 in Raw264.7 lysates using XBP1 antibody.



Western blot analysis of XBP1 in HL-60, U2OS lysates using XBP1 antibody.

Note

For research use only.