XBP-1 polyclonal antibody

X box binding protein 1 (XBP-1) is a key protein in the mammalian unfolded protein response (UPR) that protects the cell against the stress of misfolded proteins in the endoplasmic reticulum (ER). XBP-1 mRNA is spliced by IRE1p under ER stress, resulting in a 371 amino acid protein (XBP- 1s) which is translocated to the nucleus where it binds to the regulatory elements of downstream genes. XBP-1 stimulates the production of ER stress proteins including the ER resident protein chaperones grp78 and grp94.

This antibody is covered by our Worry-Free Guarantee.

Manuals, SDS & CofA

View Online »

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	X-box binding protein 1, Tax-responsive element-binding protein 5, TREB5, XBP2
Application	Flow Cytometry, ICC, WB
Application Notes	Detects a band of ~60kDa by Western blot.
Formulation	Liquid. In PBS containing 0.09% sodium azide.
Host	Rabbit
Immunogen	Synthetic peptide corresponding to the sequence near the C-terminus of human XBP-1, spliced isoform XBP1(S).
Purity Detail	Peptide affinity purified.
Recommendation Dilutions/Conditions	Flow Cytometry (1:50)Immunocytochemistry (1:100)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from rabbit serum.
Species Reactivity	Human, Mouse
UniProt ID	P17861
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.