

XBP1 Polyclonal Antibody

Product Details

Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein encompassing a sequence within the center region of Human XBP1. The exact sequence is proprietary.
Form	Liquid
Concentration	2.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2736806

Applications

Tested Dilution

Publications

Western Blot (WB)	1:500-1:3,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-

Product Specific Information

Positive Control: HepG2, HepG2 (3µM Thapsigargin treatment for 12 hr)

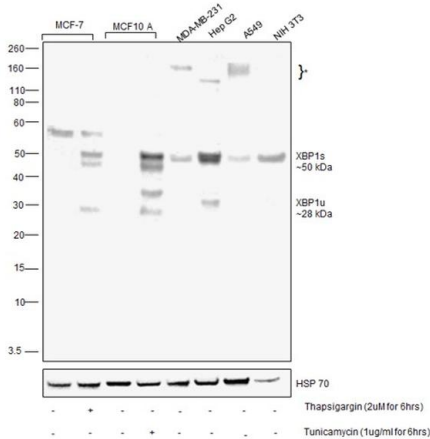
Predicted Reactivity: Mouse (80%), Rat (82%), Pig (88%), Rhesus Monkey (97%), Bovine (90%)

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For XBP1 Polyclonal Antibody

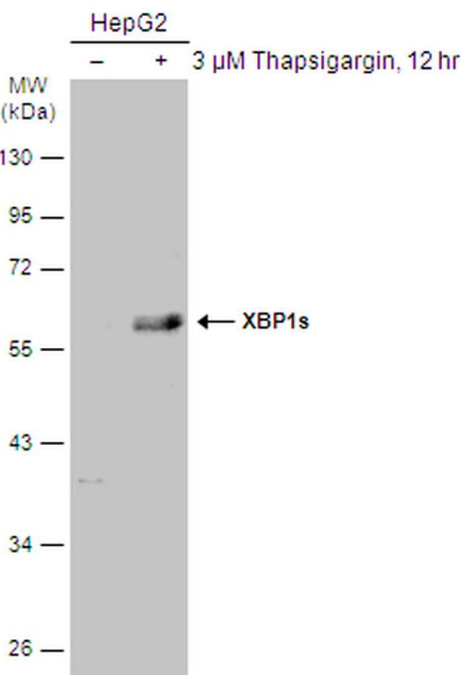
XBP1 Antibody (PA5-78232) in WB

Western blot was performed using Anti-XBP1 Polyclonal Antibody (Product # PA5-78232) and a 50 kDa band corresponding to XBP1 spliced variant and ~28 kDa band corresponding to unspliced variant was observed along with uncharacterized bands (*) at 260 kDa,60 KDa across cell lines tested. Whole cell extracts (30 µg lysate) of MCF7 (Lane 1), MCF7 treated with Thapsigargin (2 µM for 6hrs) (Lane 2), MCF 10A (Lane 3), MCF 10A treated with Tunicamycin (1 µg /mL for 6hrs) (Lane 4), MDA-MB-231 (Lane 5), Hep G2 (Lane 6), A549 (Lane 7) and NIH 3T3 (Lane 8) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1: 3000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



XBP1 Antibody (PA5-78232) in WB

Western Blot using XBP1 Polyclonal Antibody (Product # PA5-78232). Untreated (-) and treated (+) HepG2 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with XBP1 Polyclonal Antibody (Product # PA5-78232) diluted at 1:1,000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



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