

XBP1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (NHSWEDTFANELFPQ) corresponding to the internal amino acids of XBP1
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10982665

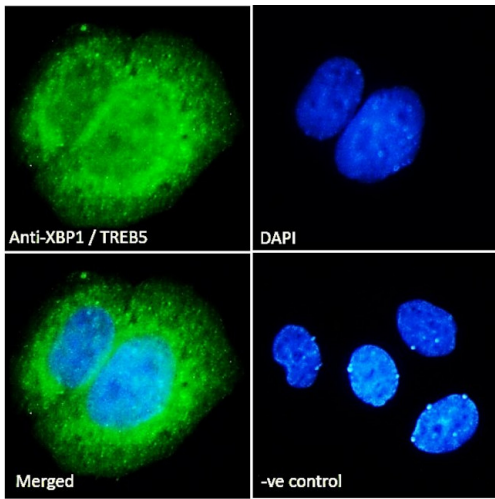
Applications	Tested Dilution	Publications
Western Blot (WB)	1-3 µg/mL	-
Immunohistochemistry (IHC)	5 µg/mL	1 Publication
Immunocytochemistry (ICC/IF)	10 µg/mL	-

Product Specific Information

This antibody is predicted to react with canine based on sequence homology.

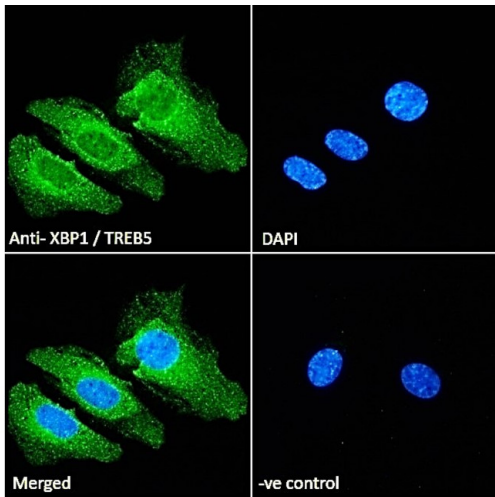
This antibody is tested in Peptide ELISA: antibody detection limit dilution 4,000.

Product Images For XBP1 Polyclonal Antibody



XBP1 Antibody (PA5-18940) in ICC/IF

Immunocytochemistry analysis of XBP1 using XBP1 Polyclonal Antibody (Product # PA5-18940) in paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing ER, cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL).



XBP1 Antibody (PA5-18940) in ICC/IF

Immunocytochemistry analysis of XBP1 using XBP1 Polyclonal Antibody (Product # PA5-18940) in paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing ER, cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL).



XBP1 Antibody (PA5-18940) in WB
Western blot analysis of XBP1 using XBP1 Polyclonal Antibody (Product # PA5-18940) (1 µg/mL) in staining of nuclear HeLa lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.

1 Reference

Immunohistochemistry (1)

Scientific reports

GRP78 translocation to the cell surface and O-GlcNAcylation of VE-Cadherin contribute to ER stress-mediated endothelial permeability.

"PA5-18940 was used in Immunohistochemistry to test the hypothesis that increased ER stress via O-GlcNAcylation of VE-Cadherin likely contribute to endothelial permeability."

Authors: Lenin R,Nagy PG,Jha KA,Gangaraju R

Year
2019

Species
Human

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