

Product Datasheet

XBP1 Antibody **NB100-80861**

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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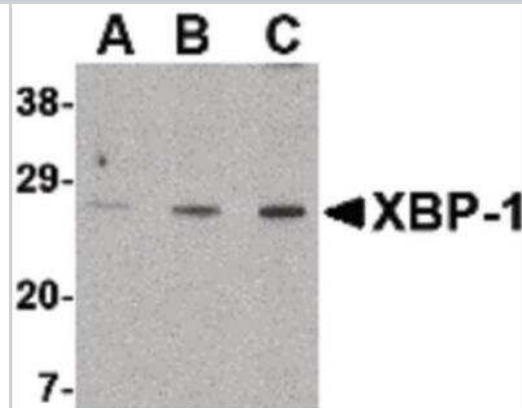
NB100-80861**XBP1 Antibody**

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	7494
Gene Symbol	XBP1
Species	Human, Mouse, Rat
Specificity/Sensitivity	17 amino acid peptide from near the carboxy terminus of human XBP1. This antibody will only recognize the non-spliced (shorter) isoform.
Immunogen	A 17 aa synthetic peptide near the C-terminus of human XBP1. The immunogen is located within the last 50 aa of XBP1.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 5 ug/ml

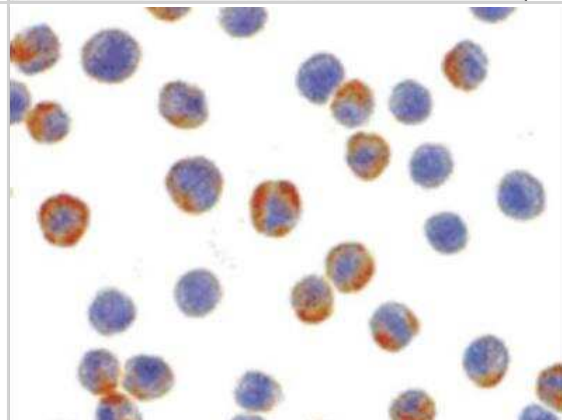


Images

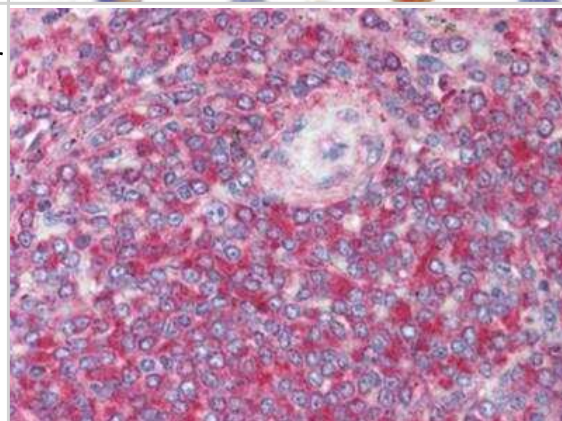
Western Blot: XBP1 Antibody [NB100-80861] - XBP-1 in PC-3 cell lysate with XBP-1 antibody at (A) 0.5, (B) 1 and (C) 2 ug/ml.



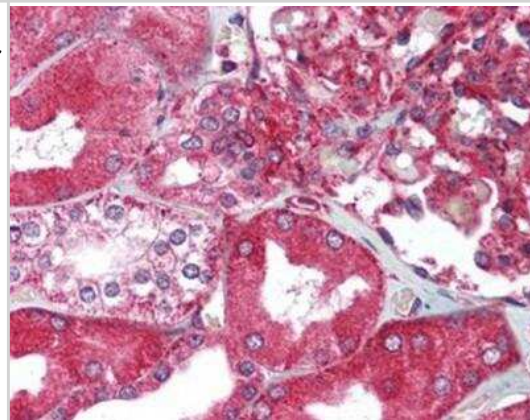
Immunocytochemistry/Immunofluorescence: XBP1 Antibody [NB100-80861] - XBP-1 in HepG2 cells with XBP-1 antibody at 2 ug/ml.



Immunohistochemistry-Paraffin: XBP1 Antibody [NB100-80861] - Staining of human spleen. Formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



Immunohistochemistry-Paraffin: XBP1 Antibody [NB100-80861] - Staining of human kidney. Formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



Publications

Benedetti R, Gilardini Montani MS, Romeo MA et al. Role of UPR Sensor Activation in Cell Death-Survival Decision of Colon Cancer Cells Stressed by DPE Treatment Biomedicines 2021-09-18 [PMID: 34572447] (WB, Human)

Tong J, Huang C, Bi F et al. XBP1 Depletion Precedes Ubiquitin Aggregation and Golgi Fragmentation in TDP-43 Transgenic Rats. J Neurochem. 2012-11-01 [PMID: 22970712] (WB, Rat)

Baek HA, Kim do S, Park HS et al. Involvement of endoplasmic reticulum stress in myofibroblastic differentiation of lung fibroblasts Am J Respir Cell Mol Biol 2012-06-01 [PMID: 21852685]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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