

# Product Datasheet

## XBP1 Antibody NBP2-20917

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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**Publications: 5**

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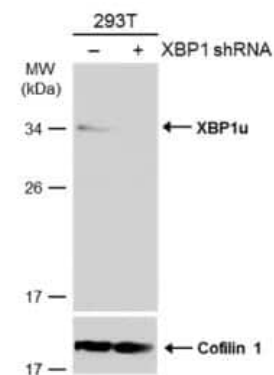
**NBP2-20917**

## XBP1 Antibody

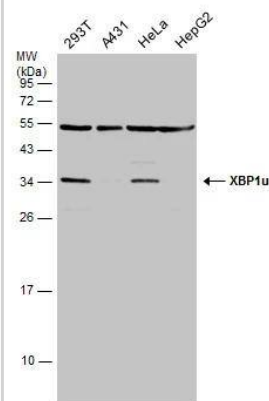
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Target Molecular Weight</b>	29 kDa
Product Description	
<b>Description</b>	Novus Biologicals Knockout (KO) Validated Rabbit XBP1 Antibody (NBP2-20917) is a polyclonal antibody validated for use in WB. Anti-XBP1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7494
<b>Gene Symbol</b>	XBP1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Porcine reactivity reported in scientific literature (PMID: 30877450). Bovine (88%), Rat (85%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human XBP1. The exact sequence is proprietary.
Product Application Details	
<b>Applications</b>	Western Blot, Knockdown Validated, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Knockout Validated, Knockdown Validated

## Images

Western Blot: XBP1 Antibody [NBP2-20917] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with XBP1 antibody diluted at 1:2000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody



Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with XBP1 antibody [N1C3] (NBP2-20917) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



## Publications

Varghese D, Oommen D, John A, Ali B GRP78/BiP alleviates oxLDL-induced hepatotoxicity in familial hypercholesterolemia caused by missense variants of LDLR Research Square 2023-02-24 [PMID: 37248472] (WB, Human)

Madhamanchi K, Madhamanchi P, Jayalakshmi S et al. Endoplasmic reticulum stress and unfolded protein accumulation correlate to seizure recurrence in focal cortical dysplasia patients Cell stress & chaperones 2022-10-18 [PMID: 36258150]

Diaz-Bulnes P, Saiz ML, Corte-Iglesias V et al. Demethylation of H3K9 and H3K27 Contributes to the Tubular Renal Damage Triggered by Endoplasmic Reticulum Stress Antioxidants (Basel, Switzerland) 2022-07-12 [PMID: 35883846]

Gao P, Chai Y, Song J et al. Reprogramming the unfolded protein response for replication by porcine reproductive and respiratory syndrome virus PLoS Pathog. 2019-11-18 [PMID: 31738790]

Ouyang Y, Xu L, Lv J et al. Porcine circovirus type 2 ORF5 protein induces endoplasmic reticulum stress and unfolded protein response in porcine alveolar macrophages Arch. Virol. 2019-03-15 [PMID: 30877450] (WB, Porcine)



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### **Products Related to NBP2-20917**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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