

Product Datasheet

ATF4 Antibody - BSA Free NBP2-15499

Unit Size: 0.1 ml

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

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Publications: 2

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NBP2-15499

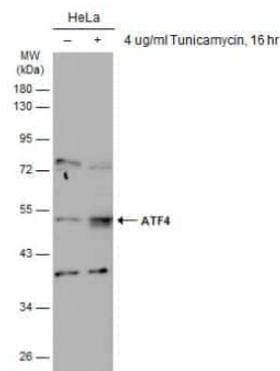
ATF4 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	39 kDa
Product Description	
Description	Novus Biologicals Rabbit ATF4 Antibody - BSA Free (NBP2-15499) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-ATF4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	468
Gene Symbol	ATF4
Species	Human, Mouse, Rat
Reactivity Notes	Pig (89%), Sheep (86%), Bovine (86%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human ATF4. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000

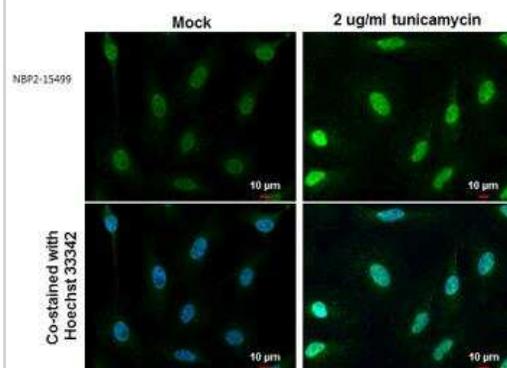


Images

Western Blot: ATF4 Antibody [NBP2-15499] - Untreated (-) and treated (+) HeLa whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with ATF4 antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunocytochemistry/Immunofluorescence: ATF4 Antibody [NBP2-15499] - HeLa cells mock (left) and treated with 2 ug/ml Tunicamycin for 8hrs (right) were fixed in 4% paraformaldehyde at RT for 15 min. Green: ATF4 protein stained by ATF4 antibody diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 um.



Publications

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]

Oh RS, Pan WC, Yalcin A et al. Functional RNA interference (RNAi) screen identifies system A neutral amino acid transporter 2 (SNAT2) as a mediator of arsenic-induced endoplasmic reticulum stress. J Biol Chem 2012-02-01 [PMID: 22215663]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-15499

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72383-50ug	Recombinant Human ATF4 His-Cam Protein

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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