Product Datasheet

DDIT4 Antibody - BSA Free
NBP1-22966

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Reviews: 1 Publications: 3

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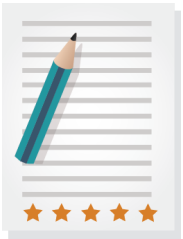
Updated 9/9/2025 v.20.1



NBP1-22966

DDIT4 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description

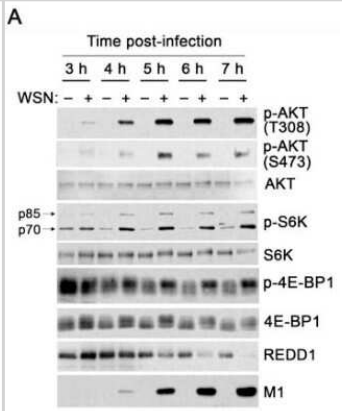
Description	Novus Biologicals Rabbit DDIT4 Antibody - BSA Free (NBP1-22966) is a polyclonal antibody validated for use in WB, ICC/IF and IP. Anti-DDIT4 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54541
Gene Symbol	DDIT4
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 25867045)
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1 and 50 of human protein regulated in development and DNA damage response 1 (DNA-damage-inducible transcript 4) using the numbering given in entry NP_061931.1 (GeneID 54541).

Product Application Details

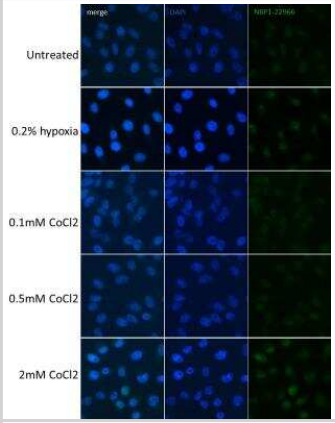
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:4000, Immunocytochemistry/ Immunofluorescence 1:500 to 1:2000, Immunoprecipitation 5-15 ug/mg lysate
Application Notes	Formaldehyde fixation is recommended. Permeabilization with Triton X-100 is recommended for formaldehydefixed cells.

Images

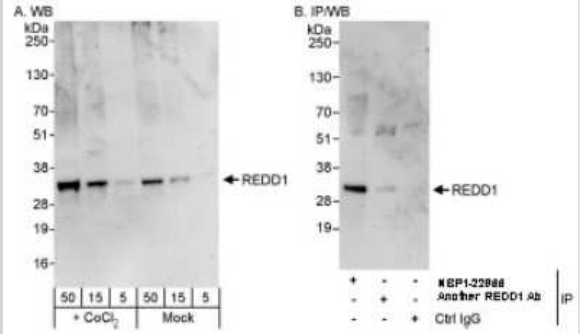
Western Blot: DDIT4 Antibody [NBP1-22966] - Influenza virus down-regulates REDD1 to promote mTORC1 activity. A549 cells were infected with WSN at MOI of 2 PFU/cell for the indicated times. A549 cells were transfected with siRNAs (pool of three each) targeting viral mRNAs and then infected for 7 h at MOI of 2 PFU/cell. Immunoblot analysis was performed to detect the depicted proteins, n = 3. Image collected and cropped by CiteAb from the following publication (https://dx.plos.org/10.1371/journal.ppat.1006635), licensed under a CC-BY license.



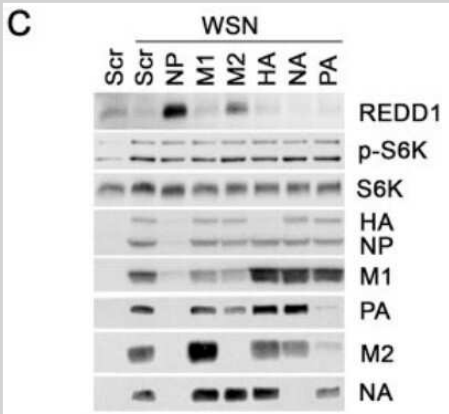
Immunocytochemistry/Immunofluorescence: DDIT4 Antibody [NBP1-22966] - HeLa cells stained with NBP1-22966 after 0.2% hypoxia or CoCl2 overnight. Image from verified customer review.



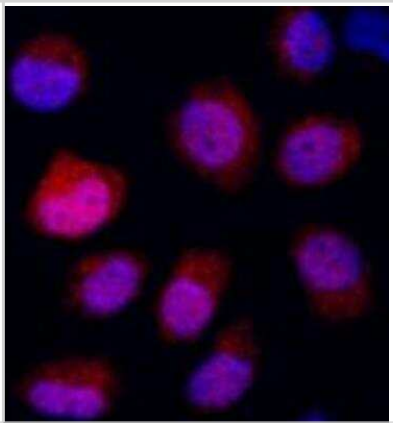
Western Blot: DDIT4 Antibody [NBP1-22966] - Whole cell lysate (5, 15 and 50 mcg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Lysate was prepared from cells that had been treated with cobalt chloride (A and B) or mock treated (A). NBP1-22966 used for WB at 0.4 mcg/ml (A) and 1 mcg/ml (B) and used for IP at 10 mcg/mg lysate.



Western Blot: DDIT4 Antibody [NBP1-22966] - Influenza virus down-regulates REDD1 to promote mTORC1 activity.(A-C) A549 cells were infected with WSN at MOI of 2 PFU/cell for the indicated times. A549 cells were transfected with siRNAs (pool of three each) targeting viral mRNAs and then infected for 7 h at MOI of 2 PFU/cell. Immunoblot analysis was performed to detect the depicted proteins, n = 3. Image collected and cropped by CiteAb from the following publication (https://dx.plos.org/10.1371/journal.ppat.1006635), licensed under a CC-BY license.



Immunocytochemistry/Immunofluorescence: DDIT4 Antibody [NBP1-22966] - NBF-fixed asynchronous, cobalt-treated HeLa cells. Antibody: Affinity purified rabbit anti-REDD1 used at a dilution of 1:500 (2 ug/ml). Detection: Red-fluorescent goat anti-rabbit IgG H&L crossadsorbed Antibody DyLight®594 used at 1:100.



Publications

Hwang D, Baek S, Chang J et al. YAP promotes global mRNA translation to fuel oncogenic growth despite starvation. Experimental & molecular medicine 2024-10-01 [PMID: 39349825]

Kuss-Duerkop SK, Wang J, Mena I et al. Influenza virus differentially activates mTORC1 and mTORC2 signaling to maximize late stage replication. PLoS Pathog. 2017-09-01 [PMID: 28953980] (WB, Human)

Potts MB, McMillan EA, Rosales TI et al. Mode of action and pharmacogenomic biomarkers for exceptional responders to didemnin B Nat. Chem. Biol. 2015-04-13 [PMID: 25867045] (WB, Mouse)

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 NBP1-22966

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

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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