

Product Datasheet

IRS1 Antibody - BSA Free NB100-82001

Unit Size: 0.1 ml

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

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Publications: 4

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NB100-82001

IRS1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
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	Immunogen affinity purified
Buffer	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 50% glycerol
Target Molecular Weight	180 kDa
Product Description	
Description	Novus Biologicals Rabbit IRS1 Antibody - BSA Free (NB100-82001) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-IRS1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3667
Gene Symbol	IRS1
Species	Human, Mouse, Rat, Porcine
Reactivity Notes	Porcine reactivity reported in scientific literature (PMID: 29684161).
Specificity/Sensitivity	Detects endogenous levels of total IRS1 protein.
Immunogen	Peptide sequence around amino acids 634~638 (P-M-S-P-K) derived from Human IRS1.
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:1000, Simple Western, Immunohistochemistry 1:50-1:100, Immunocytochemistry/ Immunofluorescence 1:100-1:200, Immunohistochemistry-Paraffin 1:50-1:100
Application Notes	See Simple Western Antibody Database for Simple Western validation

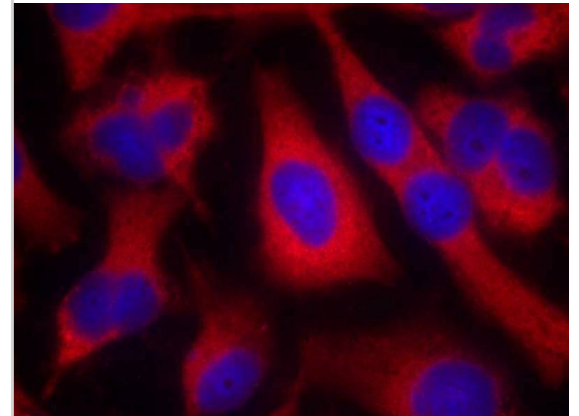


Images

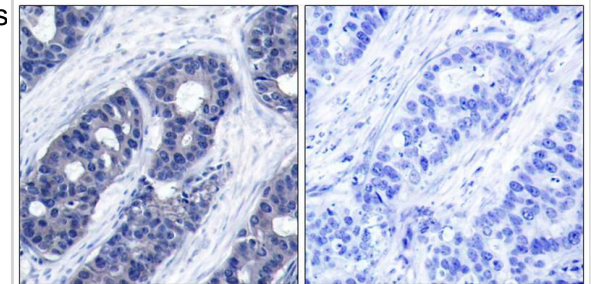
Western Blot: IRS1 Antibody [NB100-82001] - Analysis of extracts from 293 cells using NB100-82001



Immunocytochemistry/ Immunofluorescence: IRS1 Antibody - BSA Free [NB100-82001] - Immunofluorescence staining of methanol-fixed Hela cells using NB100-82001.



Immunohistochemistry-Paraffin: IRS1 Antibody [NB100-82001] - Analysis of breast carcinoma tissue, using NB100-82001(left) or the same antibody preincubated with blocking peptide(right).



Publications

Aamir K, Sethi G, Afrin MR et al. Arjunolic acid modulate pancreatic dysfunction by ameliorating pattern recognition receptor and canonical Wnt pathway activation in type 2 diabetic rats Life sciences 2023-08-15 [PMID: 37307966] (Simple Western, IHC, Rat)

Fernandez-de Frutos M, Galan-Chilet I, Goedeke L et al. MiR-7 impairs insulin signaling and regulates A beta levels through posttranscriptional regulation of the IRS-2, INSR, IDE and LXR pathway Mol. Cell. Biol. [PMID: 31501273]

Ratai, O;Hermainski, J;Ravichandran, K;Pongs, O; NCS-1 Deficiency Is Associated With Obesity and Diabetes Type 2 in Mice Front Mol Neurosci 2019-04-03 [PMID: 31001084] (WB, Mouse)

Dickson MJ, Hager CL, Al-Shaibi A et al. Impact of heat stress during the follicular phase on porcine ovarian steroidogenic and phosphatidylinositol-3 signaling. J Anim Sci 2018-06-04 [PMID: 29684161] (Porcine)



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 NB100-82001

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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