

Product Datasheet

CAD Antibody NB100-61614

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB100-61614**CAD Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

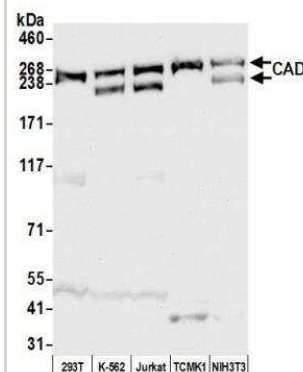
Product Description	
Host	Rabbit
Gene ID	790
Gene Symbol	CAD
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1850 and 2000 of human carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase using the numbering given in entry NP_004332.2 (GeneID 790).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:500 - 1:2000, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin 1:500 - 1:2000
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

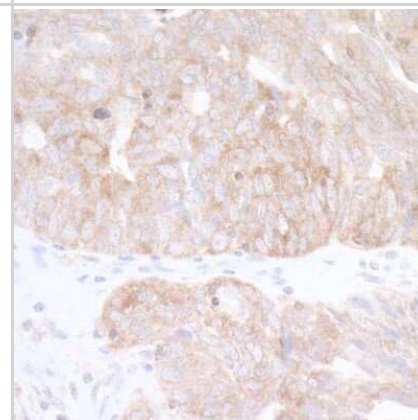


Images

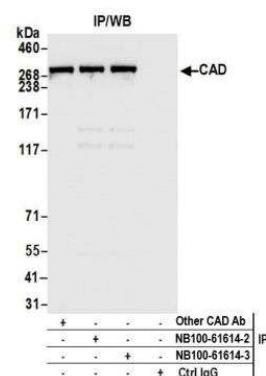
Western Blot: CAD Antibody [NB100-61614] - Whole cell lysate (50 ug) from HEK293T, K-562, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CAD antibody NB100-61614 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Immunohistochemistry-Paraffin: CAD Antibody [NB100-61614] - Section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-CAD used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB



Immunoprecipitation: CAD Antibody [NB100-61614] - Detection of human CAD by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CAD antibody NB100-61614 (lot NB100-61614-3) used for IP at 6 ug per reaction. CAD was also immunoprecipitated by a previous lot of this antibody (lot NB100-61614-2) and another rabbit anti-CAD antibody. For blotting immunoprecipitated CAD, NB100-61614 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



Publications

Morin A, Fritsch L, Mathieu JR et al. Identification of CAD as an androgen receptor interactant and an early marker of prostate tumor recurrence. *FASEB J* 2012-01-01 [PMID: 21982950]

Huang Y, Bell LN, Okamura J et al. Phospho-deltaNp63alpha/SREBF1 protein interactions: Bridging cell metabolism and cisplatin chemoresistance *Cell Cycle* 2012-09-05 [PMID: 22951905] (WB, Human)



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 NB100-61614

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-56453PEP	CAD Recombinant Protein Antigen

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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