

Product Datasheet

PDCD4 Antibody - BSA Free NBP1-83302

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 7

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-83302

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-83302



NBP1-83302

PDCD4 Antibody - BSA Free

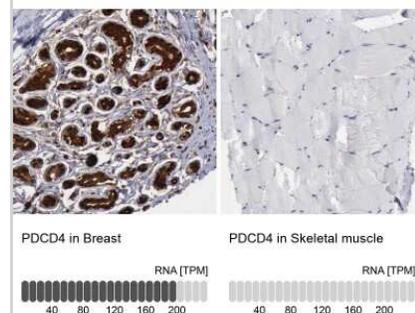
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit PDCD4 Antibody - BSA Free (NBP1-83302) is a polyclonal antibody validated for use in IHC and WB. Anti-PDCD4 Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	27250
Gene Symbol	PDCD4
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 22747440)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VMSTTDVEKSFDKLLKDLPELALDTPRAPQLVGQFIARAVGDGILCNTYIDSYKG TVDCVQARAALDKATVLLSMSKGGKRDVWVWGGGGQQSVNHLVKE

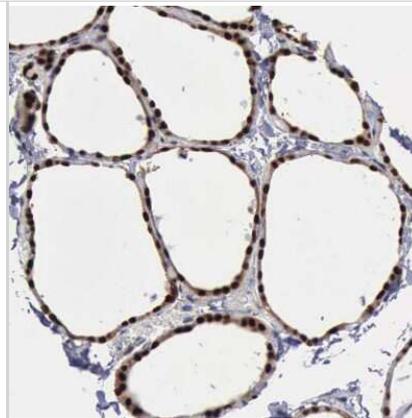
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

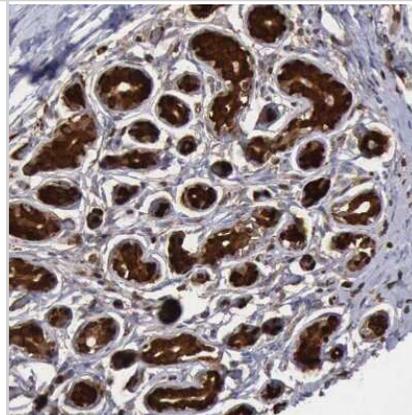
Immunohistochemistry-Paraffin: PDCD4 Antibody [NBP1-83302] - Staining in human breast and skeletal muscle tissues . Corresponding PDCD4 RNA-seq data are presented for the same tissues.



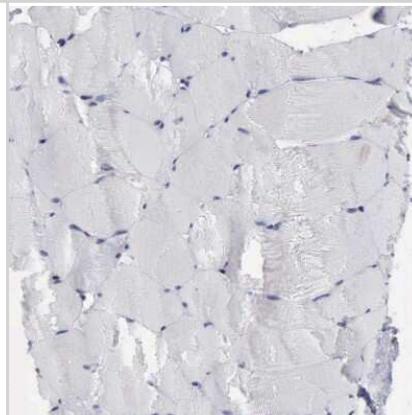
Immunohistochemistry-Paraffin: PDCD4 Antibody [NBP1-83302] - Staining of human thyroid gland shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: PDCD4 Antibody [NBP1-83302] - Staining of human breast shows strong nuclear positivity in glandular cells.



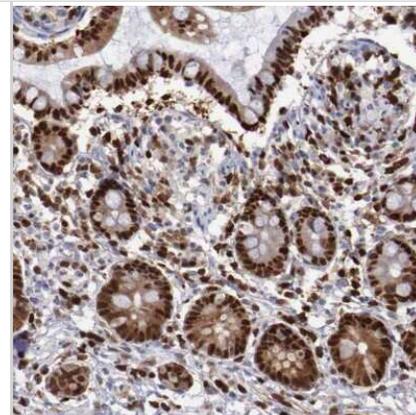
Immunohistochemistry-Paraffin: PDCD4 Antibody [NBP1-83302] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



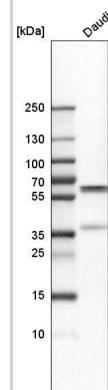
Immunohistochemistry-Paraffin: PDCD4 Antibody [NBP1-83302] - Staining of human skin shows strong nuclear positivity in epidermal cells.



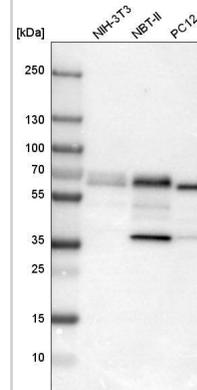
Immunohistochemistry-Paraffin: PDCD4 Antibody [NBP1-83302] - Staining of human small intestine shows strong nuclear positivity in glandular cells.



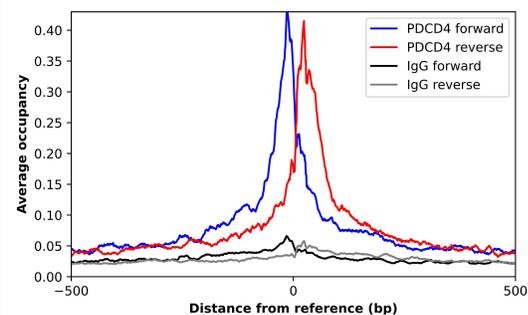
Analysis in human cell line Daudi.



Analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



ChIP-Exo-Seq composite graph for Anti-PDCD4 (NBP1-83302) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



Publications

Mian C, Pennelli G, Fassan M et al. MicroRNA Profiles in Familial and Sporadic Medullary Thyroid Carcinoma: Preliminary Relationships with RET Status and Outcome. *Thyroid* 2012-09-01 [PMID: 22747440]

Fassan M, Realdon S, Pizzi M et al. Programmed cell death 4 nuclear loss and miR-21 or activated Akt overexpression in esophageal squamous cell carcinogenesis. *Dis Esophagus* 2012-04-01 [PMID: 21883657]

Fassan M, Pizzi M, Giacomelli L et al. PDCD4 nuclear loss inversely correlates with miR-21 levels in colon carcinogenesis. *Virchows Arch* 2011-04-01 [PMID: 21279518]

Fassan M, Pizzi M, Battaglia G et al. Programmed cell death 4 (PDCD4) expression during multistep Barrett's carcinogenesis. *J Clin Pathol* 2010-08-01 [PMID: 20702469]

Baffa R, Fassan M, Volinia S et al. MicroRNA expression profiling of human metastatic cancers identifies cancer gene targets. *J Pathol* 2009-10-01 [PMID: 19593777]

Mulder J, Bjorling E, Jonasson K et al. Tissue Profiling of the Mammalian Central Nervous System Using Human Antibody-based Proteomics. *Mol Cell Proteomics* 2009-07-01 [PMID: 19351664]

Ek S, Andreasson U, Hober S et al. From gene expression analysis to tissue microarrays: a rational approach to identify therapeutic and diagnostic targets in lymphoid malignancies. *Mol Cell Proteomics* 2006-06-01 [PMID: 16524965]





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 NBP1-83302

NBP1-83302PEP	PDCD4 Recombinant Protein Antigen
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-83302

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

