

Product Datasheet

Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody - BSA Free NBP1-85955

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: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-85955

Updated 12/2/2025 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/NBP1-85955



NBP1-85955**Pyruvate Dehydrogenase Kinase 1/PDK1 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	49 kDa

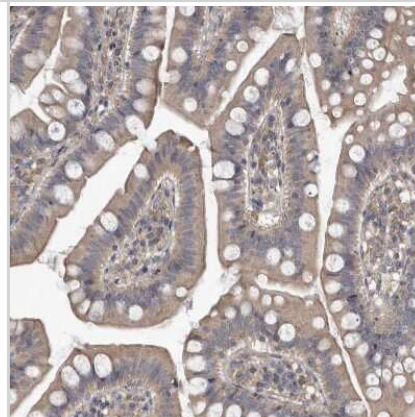
Product Description	
Description	Novus Biologicals Rabbit Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody - BSA Free (NBP1-85955) is a polyclonal antibody validated for use in IHC and WB. Anti-Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5163
Gene Symbol	PDK1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KEISLLPDNLLRTPSVQLVQSWYIQSLQELLDFKDKSAEDAKAIYDFTDTVIRIRN RHND

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot Reported in scientific literature (PMID: 30092282), Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

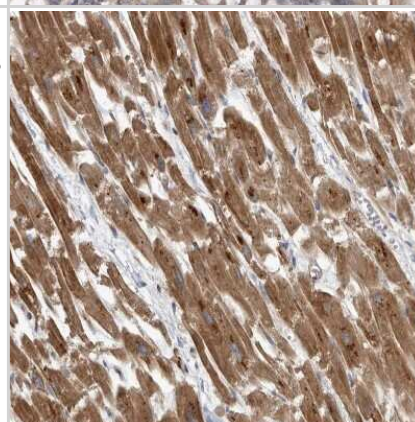


Images

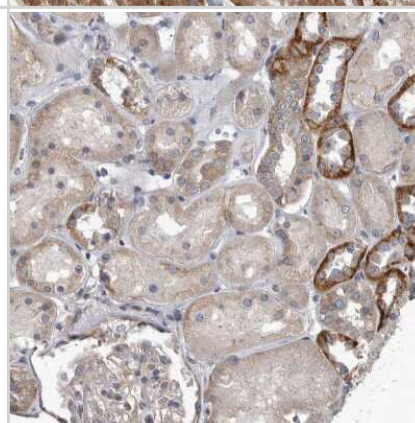
Immunohistochemistry-Paraffin: Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody [NBP1-85955] - Staining of human small intestine shows moderate cytoplasmic positivity in glandular cells.



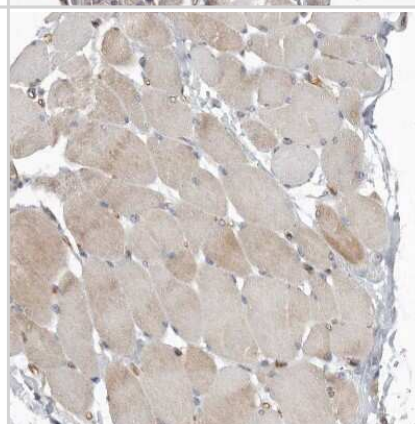
Immunohistochemistry-Paraffin: Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody [NBP1-85955] - Staining of human heart muscle shows strong cytoplasmic positivity in myocytes.



Immunohistochemistry-Paraffin: Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody [NBP1-85955] - Staining of human kidney shows moderate cytoplasmic and membranous positivity in cells in tubules.



Immunohistochemistry-Paraffin: Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody [NBP1-85955] - Staining of human skeletal muscle shows weak cytoplasmic positivity in myocytes as expected.



Publications

Huang B, Ren J, Ma Q et Al. A novel peptide PDHK1-241aa encoded by circPDHK1 promotes ccRCC progression via interacting with PPP1CA to inhibit AKT dephosphorylation and activate the AKT-mTOR signaling pathway Mol Cancer 2024-02-15 [PMID: 38360682]

Pan H, Strickland A, Madhu V et al. RNA binding protein HuR regulates extracellular matrix gene expression and pH homeostasis independent of controlling HIF-1a signaling in nucleus pulposus cells Matrix Biol. 2018-08-06 [PMID: 30092282] (WB)

Fack F, Espedal H, Keunen O et al. Bevacizumab treatment induces metabolic adaptation toward anaerobic metabolism in glioblastomas. Acta Neuropathol 2015-01-01 [PMID: 25322816] (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 NBP1-85955

NBP1-85955PEP	Pyruvate Dehydrogenase Kinase 1/PDK1 Recombinant Protein Antigen
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.

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/NBP1-85955

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

