

Product Datasheet

PDK2 Antibody - BSA Free NBP1-87307

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/NBP1-87307

Updated 2/21/2025 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/NBP1-87307



NBP1-87307

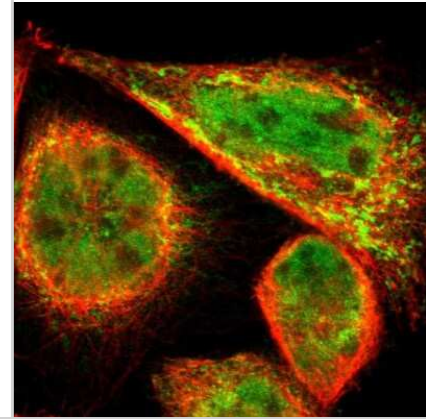
PDK2 Antibody - BSA Free

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	
Host	Rabbit
Gene ID	5164
Gene Symbol	PDK2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 25991547).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KTSFTFLRQELPVRLANIMKEINLLPDRVLSTPSVQLVQSWYVQSLLDIMEFLDK DPEDHRTLSQLFTDALVTIRNRHNDVVPTMAQGVLEYKDTYGDDPVSNQNIQYF LDRFYLSRISIRMLINQHTLIFDGSTN
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. ICC/IF reported in the literature (PMID: 25991547) and WB (PMID: 30457021).

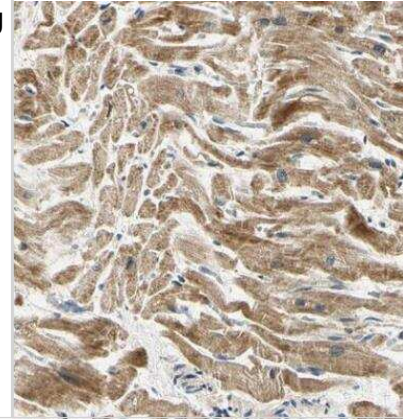


Images

Immunocytochemistry/Immunofluorescence: PDK2 Antibody [NBP1-87307] - Staining of human cell line A-431 shows localization to nucleoplasm & mitochondria. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: PDK2 Antibody [NBP1-87307] - Staining of human heart muscle shows moderate cytoplasmic positivity in myocytes.



Publications

□korja Mili? N, Dolinar K, Mi□ K et al. Suppression of Pyruvate Dehydrogenase Kinase by Dichloroacetate in Cancer and Skeletal Muscle Cells Is Isoform Specific and Partially Independent of HIF-1? International Journal of Molecular Sciences 2021-08-10 [PMID: 34445316] (Western Blot)

Hu T, Yu S, Li Y et al. PDK2 induces Cisplatin-resistance in lung adenocarcinoma via transcriptional regulation of CNNM3. Journal of Drug Targeting. 2018-11-20 [PMID: 30457021] (WB, Human)

Hou X, Zhang L, Han L et al. Differential function of pyruvate dehydrogenase kinases during mouse oocyte maturation. J. Cell. Sci. 2015-05-19 [PMID: 25991547] (ICC/IF, 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 NBP1-87307

NBP1-87307PEP	PDK2 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/NBP1-87307

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

