

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.

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Publications: 3

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Updated 12/8/2025 v.20.1

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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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

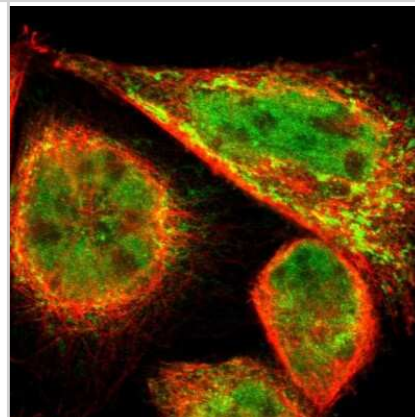
Product Description	
Description	Novus Biologicals Rabbit PDK2 Antibody - BSA Free (NBP1-87307) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PDK2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5164
Gene 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 DPEDHRTLSQLTDALVTIRNRHNDVPTMAQGVLEYKDTYGDDPVSNQNIQYF LDRFYLSRISIRMLINQHTLIFDGSTN

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
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. WB reported in the literature (PMID: 30457021 and 25991547).

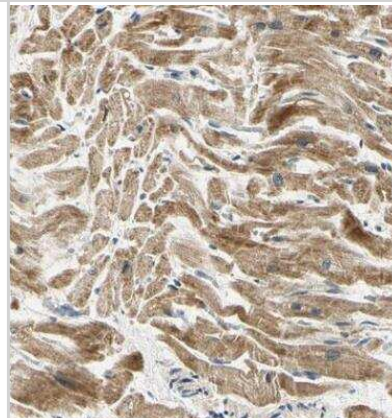


Images

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] (Immunocytochemistry/ Immunofluorescence, Mouse)

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)



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Products Related to NBP1-87307

NBP1-87307PEP	PDK2 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.

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