

Product Datasheet

PDK4 Antibody - BSA Free NBP2-93829-0.1ml

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-93829-0.1ml

PDK4 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	46 kDa

Product Description

Description	Novus Biologicals Rabbit PDK4 Antibody - BSA Free (NBP2-93829) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5166
Gene Symbol	PDK4
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 102-411 of human PDK4 (NP_002603.1). FHEKSPDDQKALSDFVDTLIKVRNRHHNVVPTMAQGIIIEYKDACTVDPVTNQNL QYFLDRFYMNRISTRMLMNQHILIFSQTGNPSHIGSIDPNCDDVAVVQDAFE CSRMLCDQYYLSSPELKLTVNGKFPDQPIHIVYVPSHLHHMLFELFKNAMRAT VEHQENQPSLTPIEVIVVLGKEDLTIKISDRGGGVPLRIIDRLFSYTYSTAPTVM DNSRNAPLAGFGYGLPISRLYAKYFQGDNLNLSLSGYGTDAAIYKALSSSEIEK LPVFNKSAFKHYQMSSEADDWCIPSREPKNLAKEVAM

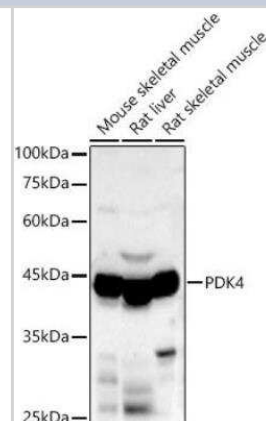
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:5000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

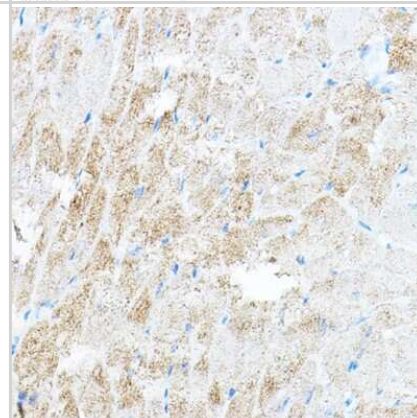


Images

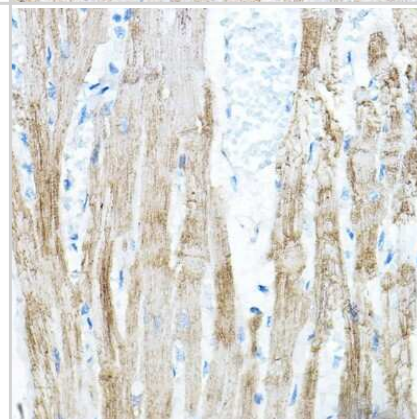
Western Blot: PDK4 Antibody [NBP2-93829] - Analysis of various lysates, using PDK4 antibody at 1:2350 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



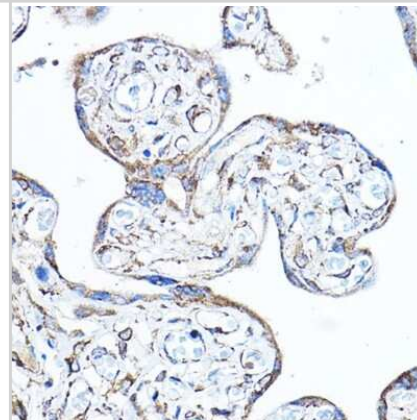
Immunohistochemistry-Paraffin: PDK4 Antibody [NBP2-93829] - Mouse heart using PDK4 Rabbit pAb (NBP2-93829) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



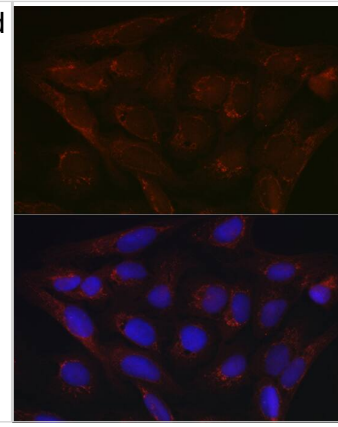
Immunohistochemistry-Paraffin: PDK4 Antibody [NBP2-93829] - Rat heart using PDK4 Rabbit pAb (NBP2-93829) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: PDK4 Antibody [NBP2-93829] - Human placenta using PDK4 Rabbit pAb (NBP2-93829) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence: PDK4 Antibody - Azide and BSA Free [PDK4] - Immunofluorescence analysis of U2OS cells using PDK4 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.





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Products Related to NBP2-93829-0.1ml

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-07049PEP	PDK4 Antibody Blocking Peptide

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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