

Product datasheet for **TA329403**

PDK2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PDK2 antibody: synthetic peptide directed towards the middle region of human PDK2. Synthetic peptide located within the following region: ELFKNAMRATVESHESSLILPPIKVMVALGEEDLSIKMSDRGGGVPLRKI
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44 kDa
Gene Name:	pyruvate dehydrogenase kinase 2
Database Link:	NP_002602 Entrez Gene 5164 Human Q15119
Background:	PDK2 inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.
Synonyms:	PDHK2; PDKII
Note:	Immunogen sequence homology: Human: 100%; Dog: 92%; Pig: 92%; Rat: 92%; Horse: 92%; Mouse: 92%; Rabbit: 92%; Guinea pig: 92%; Bovine: 77%; Zebrafish: 77%
Protein Families:	Druggable Genome, Protein Kinase

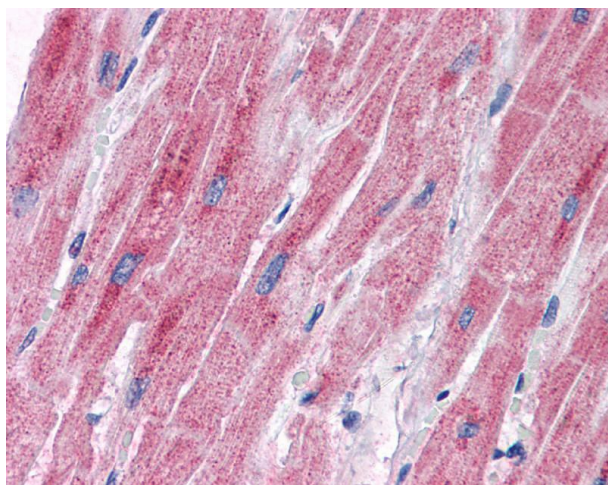


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Product images:



WB Suggested Anti-PDK2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:12500; Positive Control: 293T cell lysate. PDK2 is supported by BioGPS gene expression data to be expressed in HEK293T



Heart cell lysates