

Product datasheet for **TA301454**

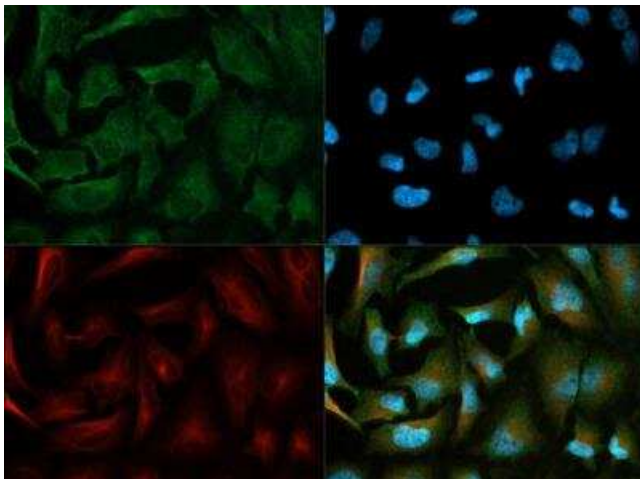
PDK1 Rabbit Polyclonal Antibody

Product data:

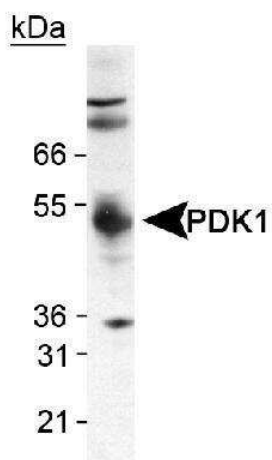
Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	Immunocytochemistry/ Immunofluorescence: 1:1000-1:2000, Western Blot: 2 ug/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide made to a C-Terminal portion of the human PDK1 protein sequence (between residues 350-436). [Swiss-Prot Q15118]
Formulation:	Tris-glycine, 150mM NaCl and 0.05% sodium azide
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	pyruvate dehydrogenase kinase 1
Database Link:	NP_002601 Entrez Gene 5163 Human Q15118
Background:	Pyruvate dehydrogenase kinase isoform 1 (PDK1) inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.
Synonyms:	isoenzyme 1; isozyme 1; mitochondrial pyruvate dehydrogenase kinase isoenzyme 1; pyruvate dehydrogenase kinase
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Fc epsilon RI signaling pathway, Neurotrophin signaling pathway, T cell receptor signaling pathway



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Product images:

Immunocytochemistry/Immunofluorescence: PDK-1 Antibody TA301454 - Antibody was tested in HeLa cells with Dylight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red).



Western Blot: PDK-1 Antibody TA301454 - Detection of PDK-1 in human heart lysate using NB 100-2383 at 2 ug/ml.