

Product datasheet for **AP13583PU-N**

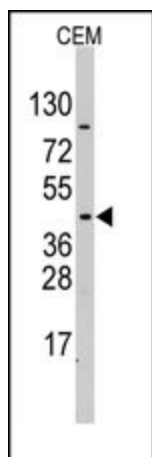
PDK4 Rabbit Polyclonal Antibody

Product data:

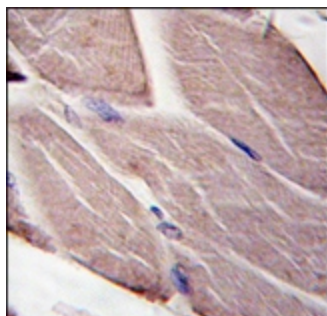
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Immunohistochemistry: 1/10 - 1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the Center region of human PDK4.
Specificity:	This antibody reacts to PDK4.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	pyruvate dehydrogenase kinase 4
Database Link:	Entrez Gene 5166 Human Q16654
Background:	PDK4 inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.
Synonyms:	Pyruvate dehydrogenase kinase isoform 4



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Product images:

Western blot analysis of PDK4 Antibody in CEM cell line lysates (35ug/lane). PDK4 (arrow) was detected using the purified Pab (1:60 dilution).



Formalin-fixed and paraffin-embedded human skeletal muscle tissue reacted with PDK4, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.