Datasheet for ABIN518761

anti-PDK4 antibody (AA 1-411)

2 Images

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Overview

Quantity:	100 µg
Target:	PDK4
Binding Specificity:	AA 1-411
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDK4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human PDK4 protein.
Immunogen:	PDK4 (NP_002603.1, 1 a.a. ~ 411 a.a) full-length human protein.
Sequence:	MKAARFVLRS AGSLNGAGLV PREVEHFSRY SPSPLSMKQL LDFGSENACE RTSFAFLRQE LPVRLANILK EIDILPTQLV NTSSVQLVKS WYIQSLMDLV EFHEKSPDDQ KALSDFVDTL IKVRNRHHNV VPTMAQGIIE YKDACTVDPV TNQNLQYFLD RFYMNRISTR MLMNQHILIF SDSQTGNPSH IGSIDPNCDV VAVVQDAFEC SRMLCDQYYL SSPELKLTQV NGKFPDQPIH IVYVPSHLHH MLFELFKNAM RATVEHQENQ PSLTPIEVIV VLGKEDLTIK ISDRGGGVPL RIIDRLFSYT YSTAPTPVMD NSRNAPLAGF GYGLPISRLY AKYFQGDLNL YSLSGYGTDA IIYLKALSSE SIEKLPVFNK SAFKHYQMSS EADDWCIPSR EPKNLAKEVA M
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

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Target Details

Target:	PDK4
Alternative Name:	PDK4 (PDK4 Products)
Background:	Full Gene Name: pyruvate dehydrogenase kinase, isozyme 4 Synonyms: FLJ40832
Gene ID:	5166
NCBI Accession:	NM_002612
Pathways:	PI3K-Akt Signaling, Hedgehog Signaling, Carbohydrate Homeostasis, Regulation of Carbohydrate Metabolic Process, Warburg Effect

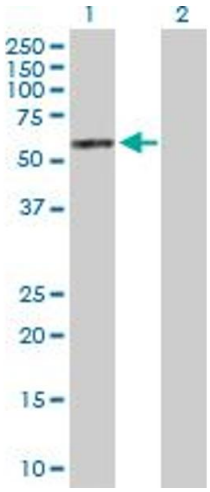
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western Blot analysis of PDK4 expression in transfected 293T cell line by PDK4 MaxPab polyclonal antibody.

Lane 1: PDK4 transfected lysate(46.50 KDa).

Lane 2: Non-transfected lysate.

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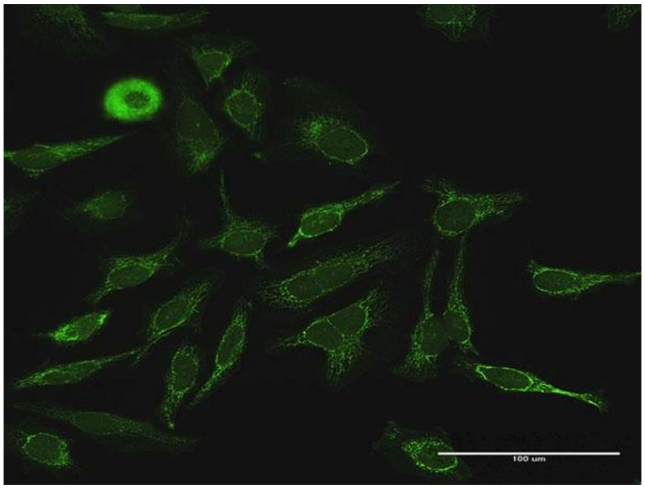

Immunofluorescence

Image 2. Immunofluorescence of purified MaxPab antibody to PDK4 on HeLa cell. [antibody concentration 10 ug/ml]

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