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Datasheet for ABIN565695
anti-PANK1 antibody (AA 310-409)

2 Images

1 Publication

Overview

Quantity:	50 µL
Target:	PANK1
Binding Specificity:	AA 310-409
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This PANK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse polyclonal antibody raised against a partial recombinant PANK1.
Immunogen:	PANK1 (NP_683878, 310 a.a. ~ 409 a.a) partial recombinant protein with GST tag.
Sequence:	IRFPSCAMHR FIQMGSEKNF SSLHTTLCAT GGGAFKFEED FRMIADLQLH KLDELDCLIQ GLLYVDSVGF NGKPECYYFE NPTNPELCQK KPYCLDNPYP
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PANK1
Alternative Name:	PANK1 (PANK1 Products)

Target Details

Background: Full Gene Name: pantothenate kinase 1
Synonyms: MGC24596,PANK,PANK1a,PANK1b

Gene ID: 53354

NCBI Accession: [NM_148977](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 50 % glycerol

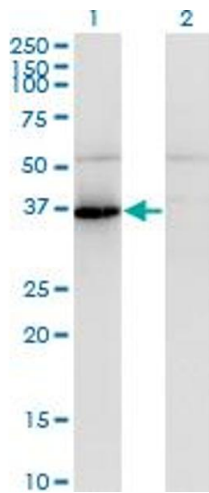
Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Böhlig, Friedrich, Engeland: "p53 activates the PANK1/miRNA-107 gene leading to downregulation of CDK6 and p130 cell cycle proteins." in: **Nucleic acids research**, Vol. 39, Issue 2, pp. 440-53, (2011) ([PubMed](#)).

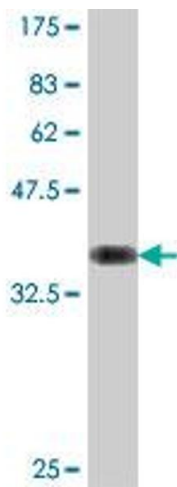


Western Blotting

Image 1. Western Blot analysis of PANK1 expression in transfected 293T cell line by PANK1 polyclonal antibody (A01).

Lane1:PANK1 transfected lysate (Predicted MW: 41.7 KDa).

Lane2:Non-transfected lysate.



Western Blotting

Image 2. Western Blot detection against Immunogen (37.11 KDa) .