

Datasheet for ABIN391235
anti-PANK1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	PANK1
Binding Specificity:	AA 75-105, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PANK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PANK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 75-105 amino acids from the N-terminal region of human PANK1.
Clone:	RB5481
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	PANK1
Alternative Name:	PANK1 (PANK1 Products)

Target Details

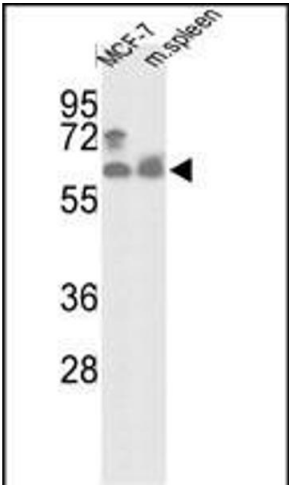
Background:	PANK1 belongs to the pantothenate kinase family. Pantothenate kinase is a key regulatory enzyme in the biosynthesis of coenzyme A (CoA) in bacteria and mammalian cells. It catalyzes the first committed step in the universal biosynthetic pathway leading to CoA and is itself subject to regulation through feedback inhibition by CoA.
Molecular Weight:	64339
Gene ID:	53354
NCBI Accession:	NP_612189 , NP_683878 , NP_683879
UniProt:	Q8TE04
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of hNK1-R90 (ABIN391235 and ABIN2841303) in MCF-7 cell line and mouse spleen tissue lysates (35 µg/lane). NK1 (arrow) was detected using the purified b.