Datasheet for ABIN391236

anti-PANK1 antibody (AA 332-360)

2 Images

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Overview

Quantity:	400 µL
Target:	PANK1
Binding Specificity:	AA 332-360
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PANK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PANK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 332-360 amino acids from the Central region of human PANK1.
Clone:	RB5483
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	PANK1

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Target Details

Alternative Name:	PANK1 (PANK1 Products)
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. IHC-P: 1:50~100
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

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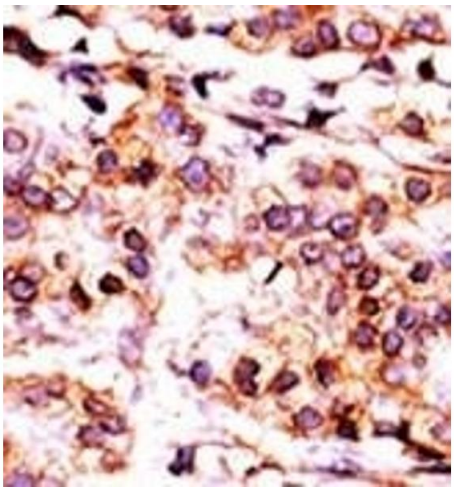
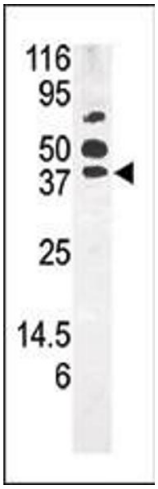


Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.



Western Blotting

Image 2. Western blot analysis of anti-NK1 b (ABIN391236 and ABIN2841304) in mouse kidney tissue lysate (35 µ g/lane). NK1(arrow) was detected using the purified b.

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