

Datasheet for ABIN391240
anti-PANK3 antibody (AA 150-181)



[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	PANK3
Binding Specificity:	AA 150-181
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PANK3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PANK3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 150-181 amino acids from the Central region of human PANK3.
Clone:	RB5577
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	PANK3
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Target Details

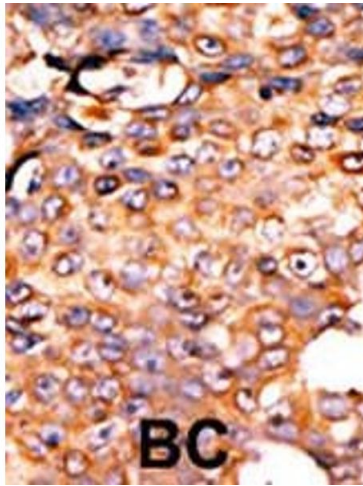
Alternative Name:	PANK3 (PANK3 Products)
Background:	PANK3 belongs to the pantothenate kinase family. Pantothenate kinase is a key regulatory enzyme in the biosynthesis of coenzyme A (CoA) in bacteria and mammalian cells. It catalyzes the first committed step in the universal biosynthetic pathway leading to CoA and is itself subject to regulation through feedback inhibition by CoA. This family member is expressed most abundantly in the liver.
Molecular Weight:	41094
Gene ID:	79646
NCBI Accession:	NP_078870
UniProt:	Q9H999
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

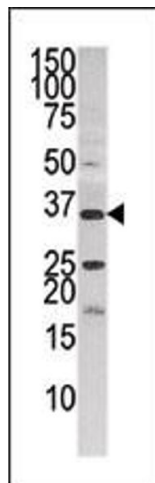
Handling

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



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-NK3 (ABIN391240 and ABIN2841308) in HepG2 cell line lysate (35 μ g/lane).NK3(arrow) was detected using the purified b.