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Datasheet for ABIN2856219 anti-PANK1 antibody

4 Images



Overview

Quantity:	100 µL
Target:	PANK1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PANK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PANK1. The exact sequence is proprietary.
lsotype:	lgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to PANK1 (pantothenate kinase 1) PANK1 antibody [N3C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

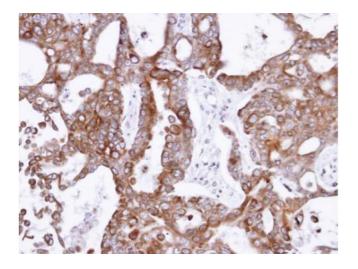
Target:	PANK1
Alternative Name:	pantothenate kinase 1 (PANK1 Products)

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Target Details	
Background:	This gene encodes a protein belonging 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. Alternative splicing has been observed at this locus and three variants, each encoding a distinct isoform, have been identified.
	Cellular Localization: Cytoplasm
Molecular Weight:	64 kDa
Gene ID:	53354
UniProt:	Q8TE04
Pathways:	Ribonucleoside Biosynthetic Process
Application Details	
Application Notes:	WB: 1:1000-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Mouse liver , HepG2
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

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Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded NCIN87 xenograft , using PANK1, antibody at 1:500 dilution.

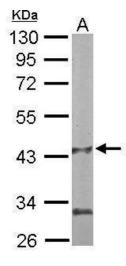


Costained with Hoechst 33342



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of methanol-fixed Hep G2, using PANK1, antibody at 1:500 dilution.



Western Blotting

Image 3. WB Image Sample (50 ug of whole cell lysate) A: mouse liver 10% SDS PAGE antibody diluted at 1:1000

Please check the product details page for more images. Overall 4 images are available for ABIN2856219.

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