

PANK1 antibody

Catalog No: #22172

Package Size: #22172 100ul

Description

Product Name	PANK1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 207 and 483 of Human PANK1
Conjugates	Unconjugated
Target Name	PANK1
Accession No.	Swiss-Prot:Q8TE04Gene ID:53354
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

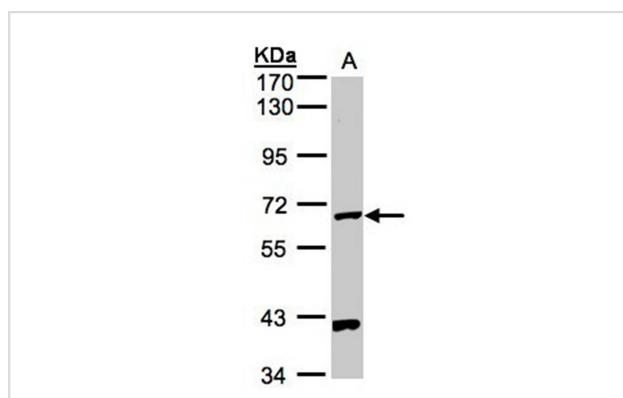
Predicted MW: 64kd

Western blotting: 1:500-1:3000

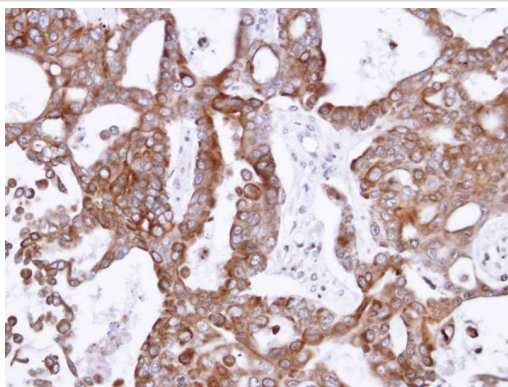
Immunohistochemistry: 1:50-1:500

Immunofluorescence: 1:100-1:200

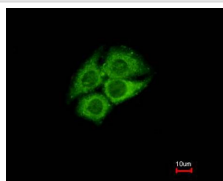
Images



Sample(30 ug whole cell lysate)
A: Hep G2
7.5% SDS PAGE
Primary antibody diluted at 1: 5000



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



Costained with Hoechst 33342



Immunofluorescence analysis of methanol-fixed Hep G2, using PANK1 antibody at 1: 500 dilution.

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. [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.