



PANK2 Monoclonal Antibody

Catalog No	BYmab-07681
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	PANK2 C20orf48
Protein Name	Pantothenate kinase 2, mitochondrial (hPanK2) (EC 2.7.1.33) (Pantothenic acid kinase 2)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PANK2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
•	
Storage Stability	-20°C/1 year
-	-20°C/1 year
Storage Stability	-20°C/1 year 62kD
Storage Stability Synonyms	62kD [Isoform 1]: Mitochondrion . Mitochondrion intermembrane space . Nucleus . Localizes predominantly to the mitochondria and to a lesser extent to the nucleus.
Storage Stability Synonyms Observed Band	[Isoform 1]: Mitochondrion . Mitochondrion intermembrane space . Nucleus . Localizes predominantly to the mitochondria and to a lesser extent to the nucleus. Found in both the mitochondria and the nucleus throughout the cell cycle, with the exception of the G2/M phase when it is restricted to mitochdondria; [Isoform 2]:

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658



国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询



	similarities to PKAN.,disease:Defects in PANK2 are the cause of pantothenate kinase-associated neurodegeneration (PKAN) [MIM:234200]; formerly known as Hallervorden-Spatz syndrome (HSS). PKAN is an autosomal recessive neurodegenerative disorder associated with iron accumulation in the brain. Clinical features include extrapyramidal dysfunction, and a relentlessly progressive course. Atypical PKAN is diagnosed in individuals who may not fit wit
Background	This gene encodes a protein belonging to the pantothenate kinase family and is the only member of that family to be expressed in mitochondria. 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 acyl CoA species. Mutations in this gene are associated with HARP syndrome and pantothenate kinase-associated neurodegeneration (PKAN), formerly Hallervorden-Spatz syndrome. Alternative splicing, involving the use of alternate first exons, results in multiple transcripts encoding different isoforms. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658