

Datasheet for ABIN1416388
anti-PANK4 antibody (AA 101-200) (HRP)



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Overview

Quantity:	100 µL
Target:	PANK4
Binding Specificity:	AA 101-200
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PANK4 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PANK4
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

Target Details

Target:	PANK4
Alternative Name:	PANK4 (PANK4 Products)

Target Details

Background:	<p>Synonyms: DKFZp547M242, FLJ10782, hPanK 4, hPanK4, PANK 4, Pantothenate kinase 4, Pantothenic acid kinase, PANK4_HUMAN.</p> <p>Background: PANK4 belongs to the pantothenate kinase family. Pantothenate kinase is a key regulatory enzyme in the physiological regulation of the intracellular coenzyme A (CoA) concentration. 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 most abundant in muscle but is expressed in all tissues.</p>
Gene ID:	55229
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months