

Datasheet for ABIN2787088
anti-PANK4 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PANK4
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PANK4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PANK4
Sequence:	MAECGASGSG SSGDSLKSI TLPPDEIFRN LENAQRFAID IGGSLTKLAY
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 82%
Characteristics:	This is a rabbit polyclonal antibody against PANK4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PANK4
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Target Details

Alternative Name:	PANK4 (PANK4 Products)
Background:	<p>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 biosynt</p> <p>Alias Symbols: DKFZp547M242, FLJ10782</p> <p>Protein Interaction Partner: EGFR, TP53RK, EFTUD1, OSGEP, NSUN2, TERF2IP, UFM1, EEF2K, KIAA1279, ACTR2, SAE1, UBE3C, TPD52L2, RANGAP1, BAG1, CDK20, UBC, C18orf8, PTPN6, PEA15,</p> <p>Protein Size: 773</p>
Molecular Weight:	86 kDa
Gene ID:	55229
NCBI Accession:	NM_018216 , NP_060686
UniProt:	Q9NVE7
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 773 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-PANK4
Antibody Titration: 0.2-1 µg/mL
Positive Control: 21_B cell lysate
PANK4 is supported by BioGPS gene expression data to be expressed in 721_B

Western Blotting

Image 2. WB Suggested Anti-PANK4 Antibody Titration:
0.2-1 ug/ml
Positive Control: 721_B cell lysate