

Rabbit PANK4 Polyclonal Antibody | anti-PANK4 antibody

PANK4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200687	Rabbit	Tested: Human Predicted: Cow, Dog, Guinea Pig, Human, Mouse, Rat, Zebrafish	Western Blot

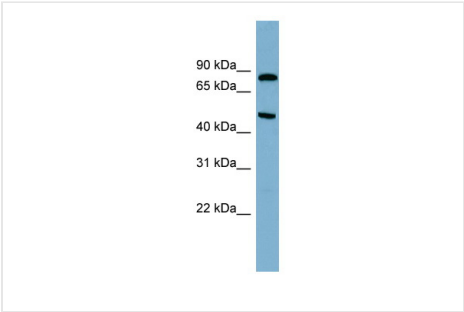
PRODUCT SYNONYMS

PANK4; Polyclonal Antibody; PANK4 antibody - N-terminal region; anti-PANK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human Predicted: Cow, Dog, Guinea Pig, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MA ECGASGSGSS GDSLDKSITL PPDEIFRNLE NAKRFAIDIG GSLTKLAY
Sequence Length	773
Applicable Applications for anti-PANK4 antibody	WB (Western Blot)
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 82%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PANK4
Protein Size (# AA)	773 amino acids
Protein Interactions	EGFR; TP53RK; EFTUD1; OSGEP; NSUN2; TERF2IP; UFM1; EEF2K; KIAA1279; ACTR2; SAE1; UBE3C; TPD52L2; RANGAP1; BAG1; CDK20; UBC; C18orf8; PTPN6; PEA15
Sample Type Confirmation	PANK4 is supported by BioGPS gene expression data to be expressed in 721_B
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-PANK4 Antibody Titration: 0.2-1 ug/mlPositive Control: 721_B cell lysatePANK4 is supported by BioGPS gene expression data to be expressed in 721_B

ADDITIONAL INFORMATION

Related Product Information for anti-PANK4 antibody	This is a rabbit polyclonal antibody against PANK4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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
Product Categories/Family for anti-PANK4 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	1426138158
NCBI GeneID	55229
NCBI Accession #	NP_060686
NCBI GenBank Nucleotide #	NM_018216
UniProt Accession #	Q9NVE7
Molecular Weight	86kDa
NCBI Official Full Name	pantothenate kinase 4
NCBI Official Synonym Full Names	pantothenate kinase 4
NCBI Official Symbol	PANK4
NCBI Protein Information	pantothenate kinase 4
UniProt Protein Name	Pantothenate kinase 4
UniProt Gene Name	PANK4
UniProt Synonym Gene Names	hPanK4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.