

Rabbit PANK3 Polyclonal Antibody | anti-PANK3 antibody

PANK3 Antibody (N-term)

CATALOG # AAA286643	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Bovine, Mouse)	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
-------------------------------	-----------------------	--	--

PRODUCT SYNONYMS

PANK3; Polyclonal Antibody; PANK3 Antibody (N-term); Pantothenate kinase 3; hPank3; Pantothenic acid kinase 3; anti-PANK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PANK3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PANK3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	370
Applicable Applications for anti-PANK3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

Western blot analysis of anti-PANK3 Antibody (N-term) in NCI-H460 cell line lysates (35ug/lane). PANK3(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PANK3 antibody	PANK3 belongs 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. This family member is expressed most abundantly in the liver.
Product Categories/Family for anti-PANK3 antibody	Cell Biology; Metabolism; Signal transduction
References	Zhou, B., et al., Nat. Genet. 28(4):345-349 (2001). Robishaw, J.D., et al., Am. J. Physiol. 248 (1 PT 1), E1-E9 (1985) (): ().

NCBI AND UNIPROT INFORMATION

NCBI GI #	13375789
NCBI GeneID	79646
NCBI Accession #	NP_078870.1
NCBI GenBank Nucleotide #	NM_024594.3
UniProt Accession #	Q9H999; Q53FJ9; Q7RTX4; D3DQL1
Molecular Weight	41094
NCBI Official Full Name	pantothenate kinase 3
NCBI Official Synonym Full Names	pantothenate kinase 3
NCBI Official Symbol	PANK3
NCBI Protein Information	pantothenate kinase 3
UniProt Protein Name	Pantothenate kinase 3
UniProt Gene Name	PANK3
UniProt Synonym Gene Names	hPank3
UniProt Entry Name	PANK3_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pank3-antibody-western-blot-immunohistochemistry-elisa/286643>