

DNAxPAb

Hard-to-Find
Antibody

PANK3 DNAxPAb

Catalog # H00079646-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PANK3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MKIKDAKKPSFPWFGMDIGGTLVKLSYFEPIDITAEQQEEVESLKSIKYLTSNVAYGSTGIRDVHLELKDLTLFGRRGNLHFIRFPTQDLPTFIQMGRDKNFSTLQTVLCATGGGAYKFEKDFRTIGNLHLHKLDELDCLVKGLLYDSVSFNGQAECYFANASEPERCQKMPFNLD DPYLLVNVNIGSGVSILAVHSKDNYKRVGTGSLGGGTFLGLCSLLTGCESEFEEALEMASKGDSTQADKLVRDIYGGDYERFGLPGWAVASSFGNMYKEKRESVSKEDLARATLVTTNNIGSVARMCVNEKINRVVFVGNFLRVNTLSMKLLAYALDYWSKGQLKALFLEHEGYFGAVGALLGLPNFS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PANK3

Entrez GeneID	79646
GeneBank Accession#	NM_024594.2
Protein Accession#	NP_078870.1
Gene Name	PANK3
Gene Alias	FLJ12899, MGC16863
Gene Description	pantothenate kinase 3
Omim ID	606161
Gene Ontology	Hyperlink
Gene Summary	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 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. [provided by RefSeq]
Other Designations	pantothenic acid kinase

Pathway

- [Metabolic pathways](#)
- [Pantothenate and CoA biosynthesis](#)