

DNAXPAb

Hard-to-Find
Antibody

PANK4 DNAXPab

Catalog # H00055229-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PANK4 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MAECGASGSGSSGDSLDKSIPLPPDEIFRNLENAKRFAIDIGGSLTKLAYYSTVQHKVAKVRSFDH SGKDTEREHEPPYEISVQEEITARLHFIFKENTYIEACLDFIKDHVNTETKVIQATGGGAYKFKDLIE EKLRLKVDKEDVMTCLIKGCNVLKNIPHEAFVYQKDSDFEFRFQTNHPHFIPYLLVNIGSGVSMK VETEDRFEWVGSSIGGGTFWGLGALLTKTKKFDELLHLASRGQHSNVDMLVRDVYGGAHQTLG LSGNLIASSFGKSATADQEFSKEDMAKSLLHMISNDIGQLACLHARLHSLDRVYFGGFFIRGHPVT MRTITYSINFFSKGEVQALFLRHEGYLGAIGAFLKGAEQDNPNQYSWGENYAGSSGLMSASPELG PAQRARSGTFDLLEMDRLERPLVDLPLLLDPPSYVPDVTDLTDDALARKYWLTCFEEALDGVVK RAVASQPDSVDAAERAERKFRQKYWNKLQTLRQQPFAYGTLTVRSLLDTREHCLNEFNFPDPYSK VKQRENGVALRCFPGVVRSLDALGWEERQLALVKGLLAGNVFDWGAKAVSAVLES DPYFGFEE AKRKLQERPWLVDSEWLQRLKGPPHKCALIFADNSGIDILGVFPFVRELLLRGTEVILACNSGP ALNDVTHSESLVAERIAGMPPVHSAEQEERLLLVTGSSSPCLDLSRLDKGLAALVRERGADL VVEIGMGRAVHTNYHAALRCESLKLAVIKNAWLAERLGGRLFSVIFKYEVP AE
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 — PANK4

Entrez GeneID [55229](#)

GeneBank Accession# [NM_018216.1](#)

Protein Accession# [NP_060686.1](#)

Gene Name PANK4

Gene Alias DKFZp547M242, FLJ10782

Gene Description pantothenate kinase 4

Omim ID [606162](#)

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 most abundant in muscle but is expressed in all tissues. [provided by RefSeq]

Other Designations OTTHUMP00000000865|pantothenic acid kinase

Pathway

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

Disease

- [Diabetes Mellitus](#)

- [Genetic Predisposition to Disease](#)