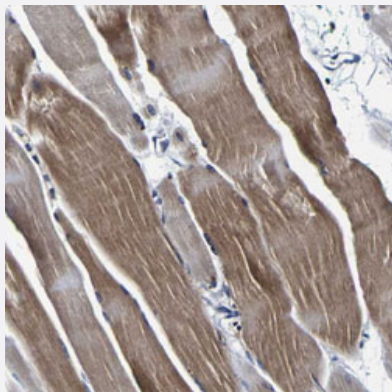


PANK4 polyclonal antibody

Catalog # PAB31517 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skeletal muscle with PANK4 polyclonal antibody (Cat # PAB31517) shows moderate cytoplasmic positivity.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PANK4.
Immunogen	Recombinant protein corresponding to human PANK4.
Sequence	FDHSGKDTEREHEPPYEISVQEEITARLHFIKFENTYIEACLDLFKDHLVNTETKVIQATGGGAYKFK DLIEEKLRLKVDKEDVMTCLIKGCNFKVLPNIPHEAFVYQKDSDEFRFQTNHPHIFPYLLVNIGSGV SVKETE
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skeletal muscle with PANK4 polyclonal antibody (Cat # PAB31517) shows moderate cytoplasmic positivity.

Gene Info — PANK4

Entrez GeneID	55229
Protein Accession#	Q9NVE7
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](#)