

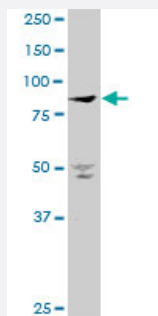
MaxPab®

PANK4 MaxPab mouse polyclonal antibody (B01)

Catalog # H00055229-B01

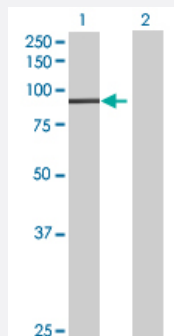
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Applications



Western Blot (Cell lysate)

PANK4 MaxPab polyclonal antibody. Western Blot analysis of PANK4 expression in SJCRH30.



Western Blot (Transfected lysate)

Western Blot analysis of PANK4 expression in transfected 293T cell line ([H00055229-T01](#)) by PANK4 MaxPab polyclonal antibody.

Lane 1: PANK4 transfected lysate(85.03 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PANK4 protein.

Immunogen

PANK4 (NP_060686.1, 1 a.a. ~ 773 a.a) full-length human protein.

Sequence	MAECGASGSGSSGDSLDKSIPLPPDEIFRNLENNAKRFAIDIGGSLTKLAYYSTVQHKVAKVRSFDH SGKDTEREHEPPYEISVQEEITARLHFIFKENTYIEACLDIFKDHLVNTETKVIQATGGGAYKFKDLIE EKLRLKVDKEDVMTCLIKGCNFKVLPHEAFVYQKSDPEFRFQTNHPHFYLLVNIGSGVSMK VETEDRFEWVGSSIGGGTFWGLGALLTKTKKFDELLHLASRGQHSNVDMLVRDVYGGAHQTLG LSGNLIASSFGKSATADQEFKEDMAKSLLHMSNDIGQLACLHARLHSLDRVYFGGFFIRGHPVT MRTITYSINFFSKGEVQALFLRHEGYLGAIGAFKGAEQDNPNNQYSWGENYAGSSGLMSASPELG PAQRARSGTFDLLEMDRLERPLVDLPLLLDPPSYVPDVTDLTDDALARKYWLTCFEEALDGVVK RAVASQPDSVDAAERAERKFRQKYWNKLQTLRQQPFAYGTLTVRSLLDTREHCLNEFNFPDPYSK VKQRENGVALRCFPGVVRSLDALGWEERQLALVKGLLAGNVFDWGAKAVSAVLESDPYFGFEE AKRKLQERPWLVDSEWLQRLKGPPHKCALIFADNSGIDILGVFPFVRELLLRGTEVILACNSGP ALNDVTHSESLVAERIAGMPPVHSALQEERLLLVQTGSSSPCLDLSRLDKGLAALVRERGADL VVIEGMGRAVHTNYHAALRCESLKLAVIKNAWLAERLGGRLFSVIFKYEVPAAE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Cell lysate)

PANK4 MaxPab polyclonal antibody. Western Blot analysis of PANK4 expression in SJCRH30.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PANK4 expression in transfected 293T cell line ([H00055229-T01](#)) by PANK4 MaxPab polyclonal antibody.

Lane 1: PANK4 transfected lysate(85.03 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

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](#)