

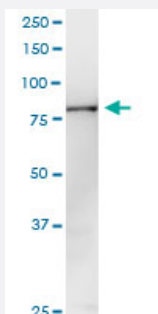
MaxPab®

PANK4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00055229-D01P

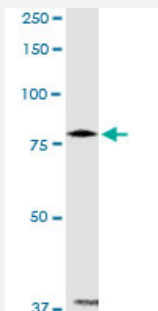
Size 100 ug

Applications



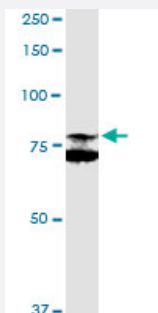
Western Blot (Tissue lysate)

PANK4 MaxPab rabbit polyclonal antibody. Western Blot analysis of PANK4 expression in mouse liver.



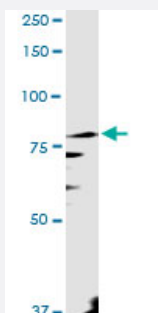
Western Blot (Cell lysate)

PANK4 MaxPab rabbit polyclonal antibody. Western Blot analysis of PANK4 expression in Hela S3 NE.



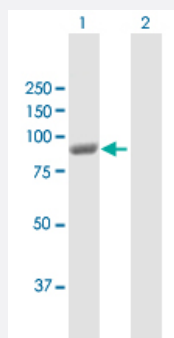
Western Blot (Cell lysate)

PANK4 MaxPab rabbit polyclonal antibody. Western Blot analysis of PANK4 expression in Raw 264.7.



Western Blot (Cell lysate)

PANK4 MaxPab rabbit polyclonal antibody. Western Blot analysis of PANK4 expression in PC-12.

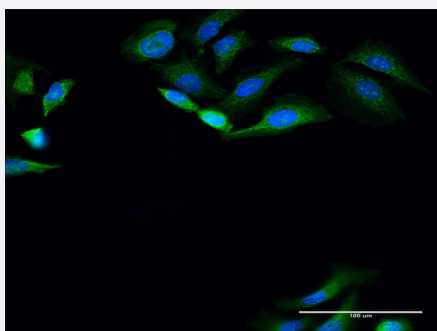


Western Blot (Transfected lysate)

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

Lane 1: PANK4 transfected lysate(86.00 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PANK4 on HeLa cell. [antibody concentration 30 ug/ml]

Specification

Product Description	Rabbit 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	MAECGASGSGSSGDSLDKSITLPPDEIFRNLENAKRFAIDIGGSLTKLAYYSTVQHKVAKVRSFDH SGKDTEREHEPPYEISVQEEITARLHFIFKENTYIEACLDFIKDHVNTETKVIQATGGGAYKFKDLIE EKLRLKVDKEDVMTCLIKGCNVLKNIPHEAFVYQKSDPEFRFQTNHPHFYLLVNIGSGVSIVK VETEDRFEWVGSSIGGGTFWGLGALLTKTKFDELLHLASRGQHSNVDMLVRDVYGGAHQTLG LSGNLIASSFGKSATADQEFSKEDMAKSLLHMISNDIGQLACLHARLHSLDRVYFGGFFIRGHPVT MRTITYSINFFSKGEVQALFLRHEGYLGAIGAFLKGAEQDNPNQYSWGENYAGSSGLMSASPELG PAQRARSGTFDLLEMDRLERPLVDPLLLDPPSYVPDVTDLTDDALARKYWLTCFEEALDGVVK RAVASQPDSVDAAERAERKFRQKYWNKLQTLRQQPFAYGTLTVRSLDTRHCLNEFNFPDPYSK VKQRENGVALRCFPGVVRSLDALGWEERQALVKGLLAGNVFDWGAKAVSAVLES DPYFGFEE AKRKLQERPWLVDSEYEWLQRLKGPPHKCALIFADNSGDIILGVFPFVRELLLRGTEVILACNSGP ALNDVTHSESLVAERIAGM DPVVHSALQEERLLLVTGSSSPCLDLSRLDKGLAALVRER GADL VVIEGMGRAVHTNYHAALRCESLKLAVIKNAWLAERLGGRLFSVIFKYEVPAE
Host	Rabbit
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (92); Rat (92)
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 (Tissue lysate)

PANK4 MaxPab rabbit polyclonal antibody. Western Blot analysis of PANK4 expression in mouse liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

PANK4 MaxPab rabbit polyclonal antibody. Western Blot analysis of PANK4 expression in Hela S3 NE.

[Protocol Download](#)

- Western Blot (Cell lysate)

PANK4 MaxPab rabbit polyclonal antibody. Western Blot analysis of PANK4 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Cell lysate)

PANK4 MaxPab rabbit polyclonal antibody. Western Blot analysis of PANK4 expression in PC-12.

[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(86.00 KDa).

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PANK4 on HeLa cell. [antibody concentration 30 ug/ml]

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](#)