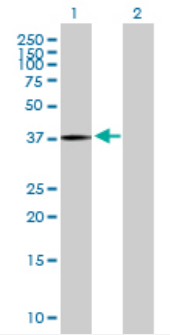
MaxPab®

# PANK3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00079646-B01P Size 50 ug

## Applications




### Western Blot (Transfected lysate)

Western Blot analysis of PANK3 expression in transfected 293T cell line (H00079646-T01) by PANK3 MaxPab polyclonal antibody.

Lane 1: PANK3 transfected lysate(40.7 KDa).
Lane 2: Non-transfected lysate.

## Specification

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|---|---|
| **Product Description** | Mouse polyclonal antibody raised against a full-length human PANK3 protein. |
| **Immunogen** | PANK3 (NP_078870.1, 1 a.a. ~ 370 a.a) full-length human protein. |
| **Sequence** | MKIKDAKKPSFPWFGMDIGGTLVKLSYFEPIDITAEEEQEEVESLKSIRKYLTSNVAYGSTGIRDVHL ELKDLTLFGRRGNLHFIRFPTQDLPTFIQMGRDKNFSTLQTVLCATGGGAYKFEKDFRTIGNLHLHK LDELDCLVKGLLYIDSVSFNGQAECYYFANASEPERCQKMPFNLDDPYPLLVVNIGSGVSILAVHS KDNYKRVTGTSLGGGTFLGLCSLLTGCESFEEALEMASKGDSTQADKLVRDIYGGDYERFGLPG WAVASSFGNMIYKEKRESVSKEDLARATLVTITNNIGSVARMCAVNEKINRVVFVGNFLRVNTLSM KLLAYALDYWSKGQLKALFLEHEGYFGAVGALLGLPNFS |
| **Host** | Mouse |
| **Reactivity** | Human |
| **Interspecies Antigen Sequence** | Mouse (99); Rat (99) |
| **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. |

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  Protocol Download

## 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 cell s. 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