

Datasheet for ABIN528978
anti-PANK3 antibody (AA 1-370)



[Go to Product page](#)

3 Images

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 100 µg |
| Target: | PANK3 |
| Binding Specificity: | AA 1-370 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This PANK3 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

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|------------|---|
| Purpose: | Mouse monoclonal antibody raised against a full-length recombinant PANK3. |
| Immunogen: | PANK3 (AAH13705, 1 a.a. ~ 370 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence: | MKIKDAKKPS FPWFGMDIGG TLVKLSYFEP IDITAEQQE EVESLKSIRK YLTSNVAYGS TGIRDVHLEL KDLTLFGRRG NLHFIRFPTQ DLPTFIQMGR DKNFSTLQTV LCATGGGAYK FEKDFRTIGN LHLHKLDEL CLVKGLLYID SVSFGNGQAEC YYFANASEPE RCQKMPFNLD DPYPLL VVNI GSGVSILAVH SKDNYKRV TG TSLGGGTFLG LCSLLTG CES FEEALEMASK GDSTQADKLV RDIYGGDYER FGLPGWAVAS SFGNMIYKEK RESVSKEDLA RATLVTITNN IGSVARMCAV NEKINRVV FV GNFLRVNTLS MKLLAYALDY WSKGQLKALF LEHEGYFGAV GALLGLPNFS |
| Clone: | 3D7 |

Product Details

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|-------------------|--|
| Isotype: | IgG2a |
| Cross-Reactivity: | Human |
| Characteristics: | Antibody Reactive Against Recombinant Protein. |

Target Details

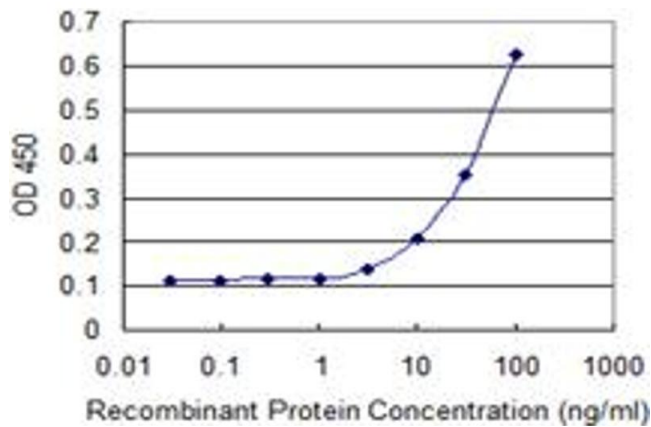
| | |
|-------------------|--|
| Target: | PANK3 |
| Alternative Name: | PANK3 (PANK3 Products) |
| Background: | Full Gene Name: pantothenate kinase 3 Synonyms: FLJ12899,MGC16863 |
| Gene ID: | 79646 |
| Pathways: | Ribonucleoside Biosynthetic Process |

Application Details

| | |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

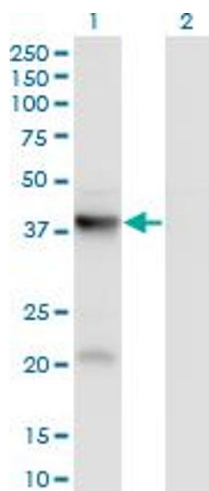
Handling

| | |
|------------------|--|
| Buffer: | In 1x PBS, pH 7.4 |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |



ELISA

Image 1. Detection limit for recombinant GST tagged PANK3 is 3 ng/ml as a capture antibody.

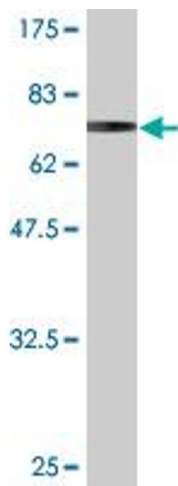


Western Blotting

Image 2. Western Blot analysis of PANK3 expression in transfected 293T cell line by PANK3 monoclonal antibody (M01), clone 3D7.

Lane 1: PANK3 transfected lysate (Predicted MW: 41.1 kDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 3. Western Blot detection against Immunogen (66.22 kDa).