



[Go to Product page](#)

Datasheet for ABIN1398514

## anti-PANK4 antibody (AA 101-200) (AbBy Fluor® 488)

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | PANK4  |
| Binding Specificity: | AA 101-200   |
| Reactivity:          | Rat  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This PANK4 antibody is conjugated to AbBy Fluor® 488   |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human PANK4 |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Rat   |
| Predicted Reactivity: | Human, Mouse  |
| Purification:         | Purified by Protein A.                                    |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | PANK4                                    |
| Alternative Name: | PANK4 ( <a href="#">PANK4 Products</a> ) |

## Target Details

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**Background:** Synonyms: DKFZp547M242, FLJ10782, hPanK 4, hPanK4, PANK 4, Pantothenate kinase 4, Pantothenic acid kinase, PANK4\_HUMAN.

Background: PANK4 belongs to the pantothenate kinase family. Pantothenate kinase is a key regulatory enzyme in the physiological regulation of the intracellular coenzyme A (CoA) concentration. 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.

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**Gene ID:** 55229

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**Pathways:** [Ribonucleoside Biosynthetic Process](#)

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## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months

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