

Datasheet for ABIN2786782  
**anti-PFKFB4 antibody (N-Term)**

## 2 Images

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## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | PFKFB4  |
| Binding Specificity: | N-Term  |
| Reactivity:          | Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Cow |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This PFKFB4 antibody is un-conjugated   |
| Application:         | Western Blotting (WB)   |

## Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the N terminal region of human PFKFB4                                      |
| Sequence:             | MASPRELTQN PLKKIWMPYS NGRPALHACQ RGVCMTNCPT LIVMVGLPAR   |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%          |
| Characteristics:      | This is a rabbit polyclonal antibody against PFKFB4. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Affinity Purified  |

## Target Details

|         |        |
|---------|--------|
| Target: | PFKFB4 |
|---------|--------|

## Target Details

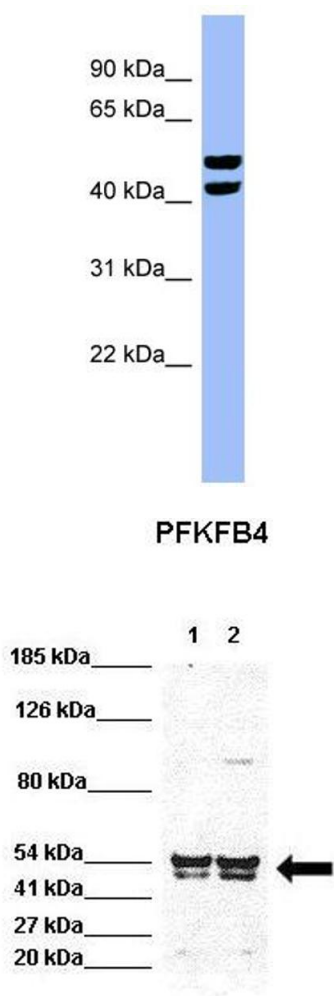
|                   |   |
|-------------------|---|
| Alternative Name: | PFKFB4 ( <a href="#">PFKFB4 Products</a> )  |
| Background:       | PFKFB4 synthesis and degradation of fructose 2,6-bisphosphate.<br>Alias Symbols: -<br>Protein Interaction Partner: GSK3B, GADD45A, CSNK2B,<br>Protein Size: 469 |
| Molecular Weight: | 54 kDa  |
| Gene ID:          | 5210  |
| NCBI Accession:   | <a href="#">NM_004567</a> , <a href="#">NP_004558</a>   |
| UniProt:          | <a href="#">Q16877</a>  |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 469 AA   |
| Restrictions:      | For Research Use only  |

## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Concentration:     | Lot specific  |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                                     |
| Preservative:      | Sodium azide  |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                  |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.  |
| Storage:           | -20 °C  |
| Storage Comment:   | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |



**Western Blotting**

**Image 1. WB Suggested Anti-PFKFB4 Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:62500

**Positive Control:** HepG2 cell lysate

**Western Blotting**

**Image 2. WB Suggested Anti-PFKFB4 Antibody**

Positive Control: Lane 1:441 µg HEK293 lysate Lane 2: 041 µg H1299 lysate

Primary Antibody Dilution: 1:0000

Secondary Antibody: Goat anti-rabbit-HRP Secondary

Antibody Dilution: 1:0000

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