

## Rabbit PFKFB1 Polyclonal Antibody | anti-PFKFB1 antibody

PFKFB1 antibody - C-terminal region

| CATALOG # | HOST   | REACTIVITY                                                        | APPLICATIONS |
|-----------|--------|-------------------------------------------------------------------|--------------|
| AAA201118 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish | Western Blot |

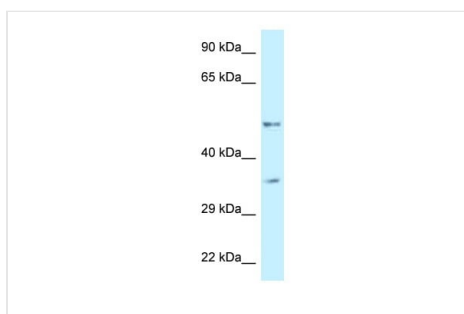
### PRODUCT SYNONYMS

PFKFB1; Polyclonal Antibody; PFKFB1 antibody - C-terminal region; anti-PFKFB1 antibody

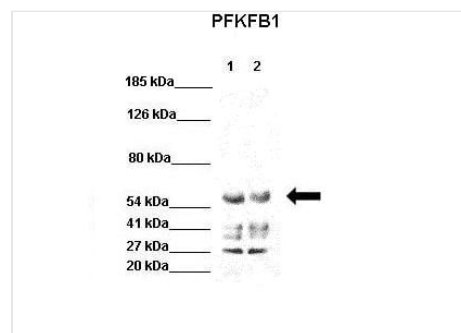
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                |
| Reactivity                                       | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                                            |
| Purity/Purification                              | Affinity Purified                                                                                                                                     |
| Form/Format                                      | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                         | Synthetic peptide with the following region: EE MTYEEIQEHY PEEFALRDQD KYRYRYPKGE SYEDLVQRLE PVIMELER                                                  |
| Sequence Length                                  | 471                                                                                                                                                   |
| Applicable Applications for anti-PFKFB1 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                         | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%                                |
| Preparation and Storage                          | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

WB Suggested Anti-PFKFB1 Antibody Titration: 1.0 ug/ml Positive Control: THP-1 Whole Cell


**WB (Western Blot)**

WB Suggested Anti-PFKFB1 Antibody Positive Control: Lane 1: 40ug HEK293 lysate Lane 2: 40ug H1299 lysate Primary Antibody Dilution : 1:1000 Secondary Antibody : Goat anti-rabbit-HRP Secondary Antibody Dilution : 1:5000 Submitted by: Jose Luis Rosa, Universitat de Barcelona

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PFKFB1 antibody | <p>This is a rabbit polyclonal antibody against PFKFB1. It was validated on Western Blot</p> <p>Target Description: This gene encodes a member of the family of bifunctional 6-phosphofructo-2-kinase:fructose-2,6-biphosphatase enzymes. The enzyme forms a homodimer that catalyzes both the synthesis and degradation of fructose-2,6-biphosphate using independent catalytic domains. Fructose-2,6-biphosphate is an activator of the glycolysis pathway and an inhibitor of the gluconeogenesis pathway. Consequently, regulating fructose-2,6-biphosphate levels through the activity of this enzyme is thought to regulate glucose homeostasis.</p> |
| Product Categories/Family for anti-PFKFB1 antibody   | Polyclonal; Protein Kinases; Drugs and Drug Metabolism; Phosphorylation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| NCBI GI #                        | 118582286                                                        |
| NCBI GeneID                      | 5207                                                             |
| NCBI Accession #                 | NP_002616                                                        |
| NCBI GenBank Nucleotide #        | NM_002625                                                        |
| UniProt Accession #              | P16118                                                           |
| Molecular Weight                 | 54kDa                                                            |
| NCBI Official Full Name          | 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1 isoform 1 |
| NCBI Official Synonym Full Names | 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1            |
| NCBI Official Symbol             | PFKFB1                                                           |
| NCBI Official Synonym Symbols    | F6PK; HL2K; PFRX                                                 |
| NCBI Protein Information         | 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1           |
| UniProt Protein Name             | 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1           |
| UniProt Gene Name                | PFKFB1                                                           |
| UniProt Synonym Gene Names       | F6PK; PFRX; 6PF-2-K/Fru-2,6-P2ase 1                              |
| UniProt Entry Name               | F261_HUMAN                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pfkfb1-antibody-western-blot-elisa/201118>