



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## PFKFB2 (Human) IP-WB Antibody Pair

Catalog # : H00005208-PW1

規格 : [ 1 Set ]

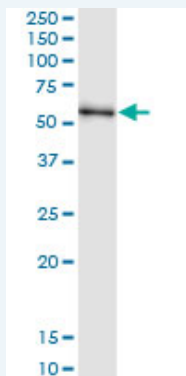
List All

### Specification

**Product Description:** This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

**Reactivity:** Human

**Quality Control Testing:** Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of PFKFB2 transfected lysate using rabbit polyclonal anti-PFKFB2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-PFKFB2.

**Supplied Product:** Antibody pair set content:  
1. Antibody pair for IP: rabbit polyclonal anti-PFKFB2 (300 ul)  
2. Antibody pair for WB: mouse purified polyclonal anti-PFKFB2 (50 ug)

**Storage Instruction:** Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

**MSDS:**  [Download](#)

### Applications

Immunoprecipitation-Western Blot

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [5208](#)

**Gene Name:** PFKFB2

**Gene Alias:** DKFZp781D2217, MGC138308, MGC138310, PFK-2/FBPase-2

**Gene Description:** 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2

**Omim ID:** [171835](#)

**Gene Ontology:** [Hyperlink](#)

### Application Image

Immunoprecipitation-Western Blot

**Gene Summary:** The protein encoded by this gene is involved in both the synthesis and degradation of fructose-2,6-bisphosphate, a regulatory molecule that controls glycolysis in eukaryotes. The encoded protein has a 6-phosphofructo-2-kinase activity that catalyzes the synthesis of fructose-2,6-bisphosphate, and a fructose-2,6-bisphosphatase activity that catalyzes the degradation of fructose-2,6-bisphosphate. This protein regulates fructose-2,6-bisphosphate levels in the heart, while a related enzyme encoded by a different gene regulates fructose-2,6-bisphosphate levels in the liver and muscle. This enzyme functions as a homodimer. Two transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations:** 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2,6PF-2-K/Fru-2,6-P2ASE heart-type isozyme, OTTHUMP00000034285, OTTHUMP00000034286, PFKFB, cardiac, fructose-2,6-bisphosphatase, cardiac isozyme

### Gene Pathway

[Fructose and mannose metabolism](#)

### Related Disease

[Birth Weight](#) [Genetic Predisposition to Disease](#) [Glioblastoma](#) [Glioma](#) [Leukemia](#) [Leukemia, Myeloid, Acute](#) [Meningeal Neoplasms](#) [Meningioma](#)

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