abcam

Product datasheet

Anti-PFKFB3 antibody ab96699

6 References 2 Images

Overview

Product name	Anti-PFKFB3 antibody
Description	Rabbit polyclonal to PFKFB3
Host species	Rabbit
Tested applications	**Suitable for:** IP, WB
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide, corresponding to a region within amino acids 457 and 520 of Human PFKFB3 (NP_004557).
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab96699 in the following tested applications.

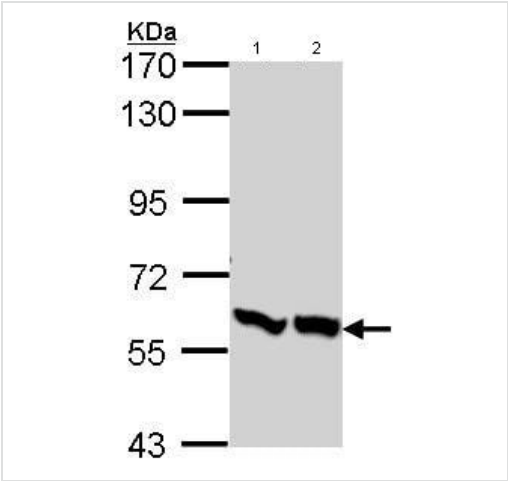
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
WB		1/500 - 1/3000. Predicted molecular weight: 60 kDa.

Target

Function	Synthesis and degradation of fructose 2,6-bisphosphate.
Tissue specificity	Ubiquitous.
Sequence similarities	In the C-terminal section; belongs to the phosphoglycerate mutase family.
Post-translational modifications	Phosphorylation by AMPK stimulates activity.

Images



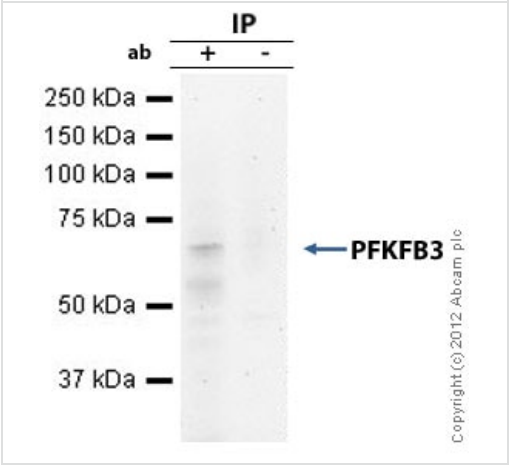
Western blot - Anti-PFKFB3 antibody (ab96699)

All lanes : Anti-PFKFB3 antibody (ab96699) at 1/1000 dilution

Lane 1 : A431 whole cell lysate
Lane 2 : H1299 whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 60 kDa



Immunoprecipitation - Anti-PFKFB3 antibody (ab96699)

PFKFB3 was immunoprecipitated using 0.5mg A431 whole cell extract, 5µg of Rabbit polyclonal to PFKFB3 and 50µl of protein G magnetic beads (+). No antibody was added to the control (-).
The antibody was incubated under agitation with Protein G beads for 10min, A431 whole cell extract lysate diluted in RIPA buffer was added to each sample and incubated for a further 10min under agitation.
Proteins were eluted by addition of 40µl SDS loading buffer and incubated for 10min at 70^{o}C; 10µl of each sample was separated on a SDS PAGE gel, transferred to a nitrocellulose membrane, blocked with 5% BSA and probed with ab96699.
Secondary: Mouse monoclonal [SB62a] Secondary Antibody to Rabbit IgG light chain (HRP) (**ab99697**).
Band: 70kDa: PFKFB3.

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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