

Anti-PFKFB3 Antibody

Catalog Number: A02382-1

About PFKFB3

Interferon-induced dynamin-like GTPase with potent antiviral activity against human immunodeficiency virus type 1 (HIV-1). Acts by targeting the viral capsid and affects the nuclear uptake and/or stability of the HIV-1 replication complex and the subsequent chromosomal integration of the proviral DNA. Exhibits antiviral activity also against simian immunodeficiency virus (SIV-mnd). May play a role in regulating nucleocytoplasmic transport and cell-cycle progression.

Aebi M., Mol. Cell. Biol. 9:5062-5072(1989).

Hattori M., Nature 405:311-319(2000).

Mural R.J., Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Overview

Product Name	Anti-PFKFB3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PFKFB3 Antibody catalog # A02382-1. Tested in WB,IHC applications. This antibody reacts with Human,Mouse,Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q16875

Technical Details

Immunogen	Synthetic peptide from human EYA1/EYA4 protein.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	ProA affinity purified

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:1000

IHC: 1:50-1:100

Anti-PFKFB3 Antibody (A02382-1) Images

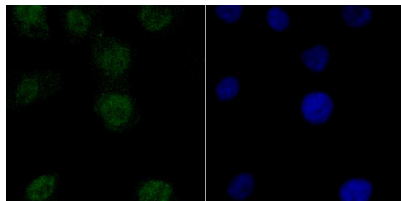


Figure 2. Immunocytochemistry staining of PFKFB3 using Anti-PFKFB3 Antibody (A02382-1).

ICC staining PFKFB3 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

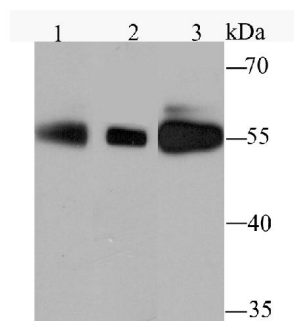


Figure 1. Western blotting validation for Anti-PFKFB3 Antibody A02382-1

Western blot analysis of PFKFB3 on different cell lysates using anti-PFKFB3 antibody at 1/1

1 Publications Citing This Product

1. PubMed ID: 32330381, Zhao Q,Li J,Wu B,Shang Y,Huang X,Dong H,Liu H,Chen W,Gui R,Nie X.Smart Biomimetic Nanocomposites Mediate Mitochondrial Outcome through Aerobic Glycolysis Reprogramming: A Promising Treatment for Lymphoma.ACS Appl Mater Interfaces.2020 May 20;12(20):22687-

Visit bosterbio.com/anti-pfkfb3-antibody-a02382-1-boster.html to see all 1 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-PFKFB3 Antibody