

Anti-PFKFB3 Antibody

Catalog Number: A02382

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
Description	Boster Bio Anti-PFKFB3 Antibody catalog # A02382. Tested in WB,ICC/IF applications. This antibody reacts with Human,Mouse.
Application	IF, ICC, 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	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

	specific immunogen and the purity is > 95% (by SDS-PAGE).
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: 1:500-1:2000 ICC/IF: 1:50-1:200

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-

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