

PFKM Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 424 and 761 of Human PFK
Form	Liquid
Concentration	0.57 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2546812

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
ChIP assay (ChIP)	-	1 Publication

Product Specific Information

Recommended positive controls: 293T, A431, H1299, mouse brain, rat brain.

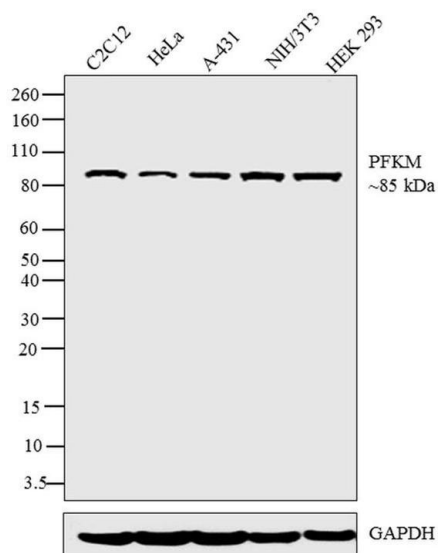
Predicted reactivity: Mouse (98%), Rat (96%), Xenopus laevis (81%), Dog (99%), Pig (97%), Chicken (82%), Bovine (97%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For PFKM Polyclonal Antibody

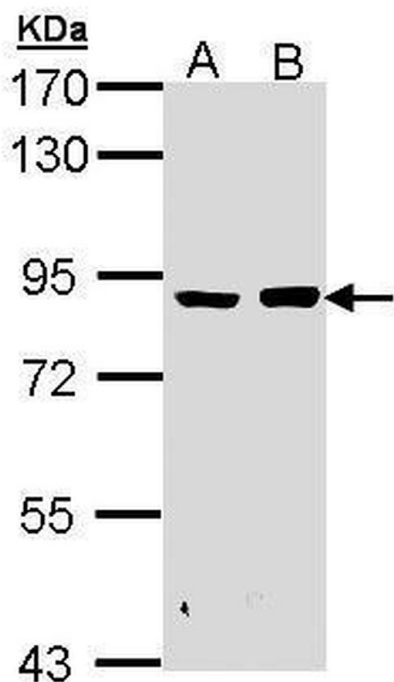
PFKM Antibody (PA5-29336) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of C2C12 (Lane 1), HeLa (Lane 2), A-431 (Lane 3), NIH/3T3 (Lane 4) and HEK 293 (Lane 5). The blot was probed with Anti-PFKM Polyclonal Antibody (Product # PA5-29336, 1 µg/mL) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4000 dilution). A 85 kDa band corresponding to PFKM was observed across the cell lines tested.



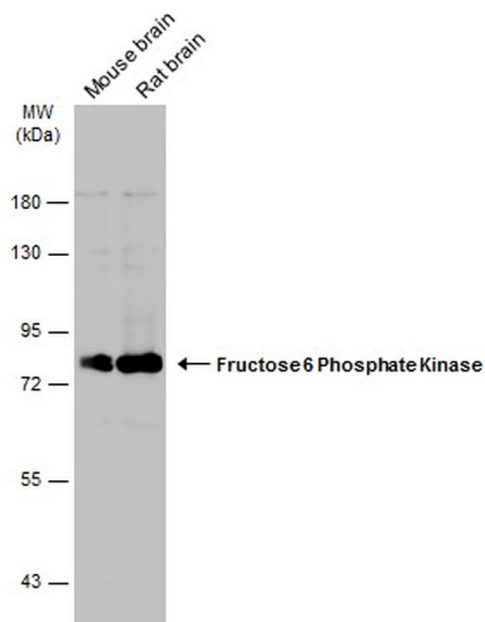
PFKM Antibody (PA5-29336) in WB

Western Blot using PFKM Polyclonal Antibody (Product # PA5-29336). Sample (30 µg of whole cell lysate). Lane A: A431. Lane B: H1299. 7.5% SDS PAGE. PFKM Polyclonal Antibody (Product # PA5-29336) diluted at 1:1,000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



PFKM Antibody (PA5-29336) in WB

Western Blot analysis of PFKM was performed by separating 50 µg of Various tissue extracts by 7.5% SDS-PAGE. Proteins were transferred to a membrane and probed with a PFKM Polyclonal Antibody (Product # PA5-29336) at a dilution of 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



[View more figures on thermofisher.cn](https://thermofisher.cn)

1 Reference

ChIP assay (1)

Cell death and differentiation

The deubiquitinase JOSD2 is a positive regulator of glucose metabolism.

"PA5-29336 was used in Chromatin immunoprecipitation to identify the uncharacterized deubiquitinase JOSD2 as a positive regulator of cancer cell proliferation by displaying comprehensive effects on glucose catabolism."

Authors: Krassikova L,Zhang B,Nagarajan D,Queiroz AL,Kacal M,Samakidis E,Vakifahmetoglu-Norberg H,Norberg E

Year
2021

Species
Human

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.