

# 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.

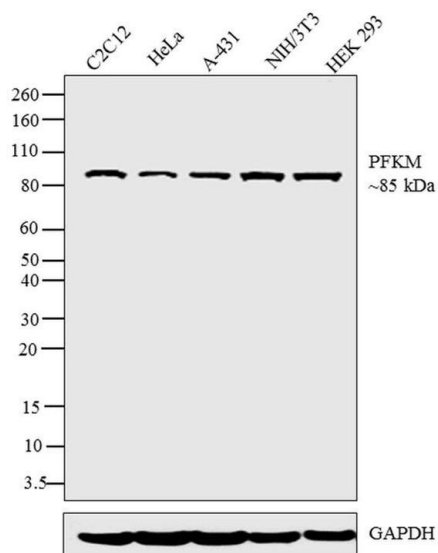
Predicted reactivity: Mouse (98%), Rat (96%), Xenopus laevis (81%), Dog (99%), Pig (97%), Chicken (82%), Bovine (97%).

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

## Product Images For PFKM Polyclonal Antibody

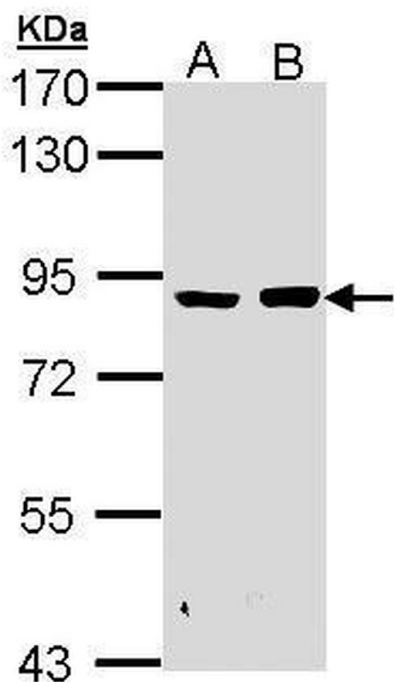
### PFKM Antibody (PA5-29336) in WB

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.



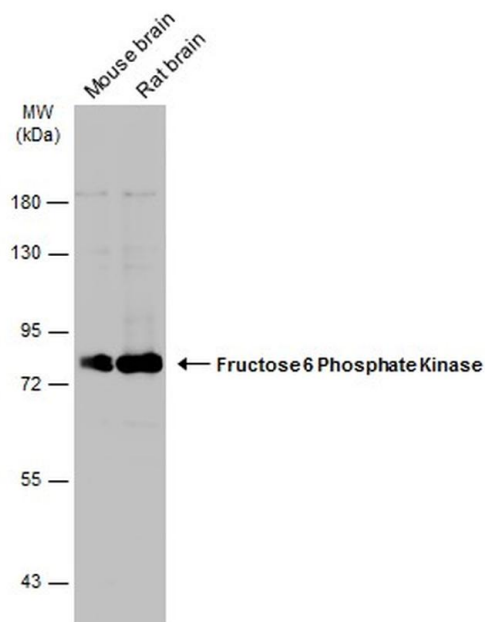
### PFKM Antibody (PA5-29336) in WB

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](#)

## 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

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