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# anti-PFKM antibody (AA 2-390)





#### Overview

Quantity:	100 μL
Target:	PFKM
Binding Specificity:	AA 2-390
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### **Product Details**

Purpose:	Polyclonal Antibody to Phosphofructokinase, Muscle (PFKM)
Immunogen:	Recombinant Phosphofructokinase, Muscle (PFKM) corresdonding to Thr2~His390
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PFKM. It has been selected for its ability to recognize PFKM in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Target Details	
Target:	PFKM

# Target Details

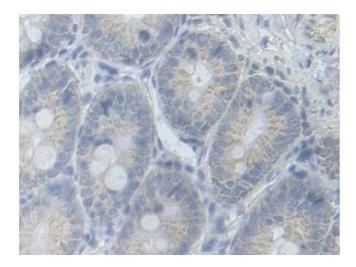
Alternative Name:	Phosphofructokinase, Muscle (PFKM Products)
Background:	PFK1, PFKX, Phosphofructokinase 1, Phosphofructo-1-kinase isozyme A, 6- Phosphofructokinase Polypeptide X, Fructose-6-Phosphate 1-Phosphotransferase
Pathways:	Positive Regulation of Peptide Hormone Secretion, Negative Regulation of Hormone Secretion, Carbohydrate Homeostasis, Warburg Effect

## **Application Details**

Application Notes:	Western blotting: 0.5-2 μg/mL Immunohistochemistry: 5-20 μg/mL Immunocytochemistry: 5-20 μg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

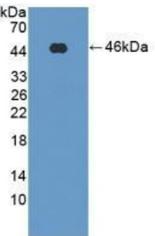
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



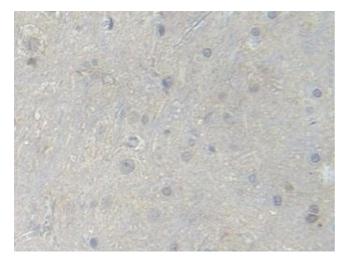
### **Immunohistochemistry**

**Image 1.** Detection of PFKM in Rat Colon Tissue using Polyclonal Antibody to Phosphofructokinase, Muscle (PFKM)



#### **Western Blotting**

Image 2. Detection of Recombinant PFKM, Rat using Polyclonal Antibody to Phosphofructokinase, Muscle (PFKM)



## **Immunohistochemistry**

**Image 3.** Detection of PFKM in Rat Spinal cord Tissue using Polyclonal Antibody to Phosphofructokinase, Muscle (PFKM)

Please check the product details page for more images. Overall 7 images are available for ABIN7435508.