

# PGAM2 Rabbit Polyclonal Antibody



CAB7917

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

29kDa

### Calculated MW:

28kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse, Rat

## Protein Background

Phosphoglycerate mutase (PGAM) catalyzes the reversible reaction of 3-phosphoglycerate (3-PGA) to 2-phosphoglycerate (2-PGA) in the glycolytic pathway. The PGAM is a dimeric enzyme containing, in different tissues, different proportions of a slow-migrating muscle (MM) isozyme, a fast-migrating brain (BB) isozyme, and a hybrid form (MB). This gene encodes muscle-specific PGAM subunit. Mutations in this gene cause muscle phosphoglycerate mutase deficiency, also known as glycogen storage disease X.

## Immunogen information

### Gene ID:

5224

### Uniprot

P15259

### Synonyms:

PGAM2; GSD10; PGAM-M; PGAMM

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

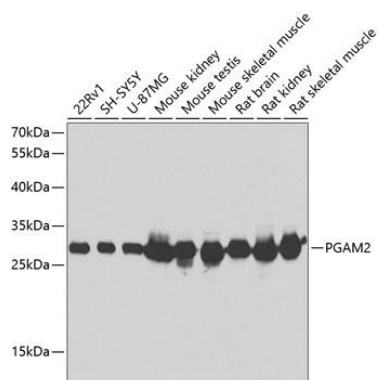
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-253 of human PGAM2 (NP\_000281.2).

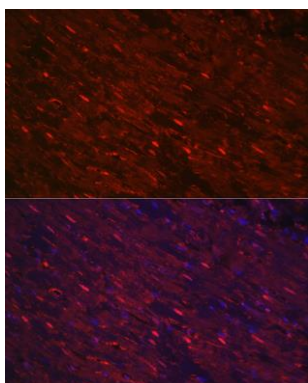
### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

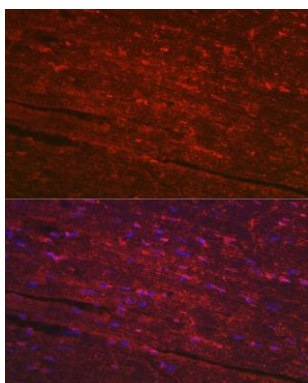
## Product Images



Western blot analysis of extracts of various cell lines, using PGAM2 antibody (CAB7917) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 15s.



Immunofluorescence analysis of rat heart using PGAM2 Rabbit pAb (CAB7917) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse heart using PGAM2 Rabbit pAb (CAB7917) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.