

**PAB645Hu01**

**Polyclonal Antibody to Phosphoglycerate Mutase 2, Muscle (PGAM2)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

---

13th Edition (Revised in Aug, 2023)

### [ **PROPERTIES** ]

**Source:** Polyclonal antibody preparation

**Host:** Rabbit

**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

**Traits:** Liquid

**Concentration:** 0.5mg/mL

**UOM:** 100µL

**Cross Reactivity:** Mouse;Rat

**Applications:** WB; IHC; ICC; IP.

### [ **IMMUNOGEN** ]

**Immunogen:** Recombinant PGAM2 (Met1~Glu236) expressed in *E.coli*

**Accession No.:** RPB645Hu01

### [ **APPLICATIONS** ]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

### [ **FORMULATION** ]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

### [ **STORAGE AND STABILITY** ]

**Storage:** Avoid repeated freeze/thaw cycles.

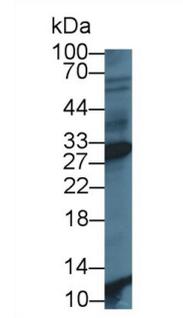
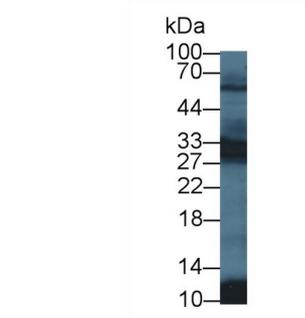
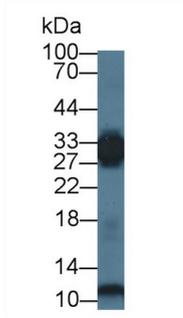
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

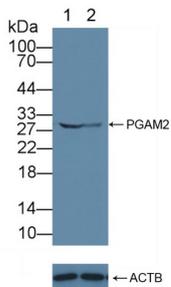
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**[ IDENTIFICATION ]**



Western Blot; Sample: Mouse Skeletal muscle lysate;	Western Blot; Sample: Mouse Testis lysate;	Western Blot; Sample: Human Hela cell lysate;
Primary Ab: 1µg/ml Rabbit Anti-Human PGAM2 Antibody	Primary Ab: 1µg/ml Rabbit Anti-Human PGAM2 Antibody	Primary Ab: 1µg/ml Rabbit Anti-Human PGAM2 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody	Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody	Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)	(Catalog: SAA544Rb19)	(Catalog: SAA544Rb19)



**Knockout Varification:**

Lane 1: Wild-type Hela cell lysate;

Lane 2: PGAM2 knockout Hela cell lysate;

Predicted MW: 29kd

Observed MW: 29kd

Primary Ab: 1µg/ml Rabbit Anti-Human

PGAM2 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

**[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.