

## PGAM2 Polyclonal Antibody

|                         |                   |                      |                       |
|-------------------------|-------------------|----------------------|-----------------------|
| <b>Catalog No.</b>      | A7917             | <b>Category</b>      | Polyclonal Antibodies |
| <b>Applications</b>     | WB                | <b>Observed MW</b>   | 29kDa                 |
| <b>Cross-reactivity</b> | Human, Mouse, Rat | <b>Calculated MW</b> | 28kDa                 |

### Immunogen Information

|                   |   |
|-------------------|---|
| <b>Immunogen</b>  | Recombinant fusion protein containing a sequence corresponding to amino acids 1-253 of human PGAM2 (NP_000281.2). |
| <b>Gene ID</b>    | 5224  |
| <b>Swiss prot</b> | P15259  |
| <b>Synonyms</b>   | PGAM2; GSD10; PGAM-M; PGAMM; phosphoglycerate mutase 2  |

### Product information

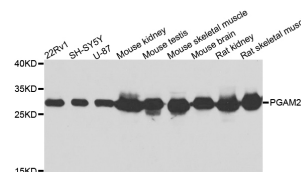
|                            |  |
|----------------------------|--|
| <b>Source</b>              | Rabbit   |
| <b>Isotype</b>             | IgG  |
| <b>Purification method</b> | Affinity purification  |
| <b>Storage</b>             | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### 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.

### Recommended Dilutions

WB 1:500 -  
1:2000



Western blot - PGAM2 Polyclonal Antibody (A7917)