



# PGAM2 rabbit pAb

|                                    |                                                                                                                                                                                                                                                                                                         |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-17239                                                                                                                                                                                                                                                                                             |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                     |
| <b>Reactivity</b>                  | Human, Mouse,Rat                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>                | IHC,WB                                                                                                                                                                                                                                                                                                  |
| <b>Gene Name</b>                   | PGAM2 PGAMM                                                                                                                                                                                                                                                                                             |
| <b>Immunogen</b>                   | Synthesized peptide derived from human N-ternal PGAM2                                                                                                                                                                                                                                                   |
| <b>Specificity</b>                 | This antibody detects endogenous levels of PGAM2 at Human, Mouse,Rat                                                                                                                                                                                                                                    |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                          |
| <b>Source</b>                      | Rabbit,polyclonal                                                                                                                                                                                                                                                                                       |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                               |
| <b>Dilution</b>                    | WB 1:500-2000 IHC 1:50-200                                                                                                                                                                                                                                                                              |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                    |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>                    | BPG dependent PGAM 2;BPG-dependent PGAM 2;EC:5.4.2.11;Muscle-specific phosphoglycerate mutase;PGAM M;PGAM2;PGAM2 PGAMM; Phosphoglycerate mutase 2 (EC 3.1.3.13) (EC 5.4.2.1) (EC 5.4.2.4) (BPG-dependent PGAM 2) (Muscle-specific phosphoglycerate mutase) (Phosphoglycerate mutase isozyme M) (PGAM-M) |
| <b>Observed Band</b>               | 29 kDa                                                                                                                                                                                                                                                                                                  |
| <b>Calculated Molecular Weight</b> | 29 kDa                                                                                                                                                                                                                                                                                                  |
| <b>Cell Pathway</b>                |                                                                                                                                                                                                                                                                                                         |
| <b>Tissue Specificity</b>          | Expressed in the heart and muscle. Not found in the liver and brain.                                                                                                                                                                                                                                    |
| <b>Function</b>                    | Interconversion of 3- and 2-phosphoglycerate with 2,3-bisphosphoglycerate as the primer of the reaction. Can also catalyze the reaction of EC 5.4.2.4 (synthase), but with a reduced activity.                                                                                                          |
| <b>Background</b>                  |                                                                                                                                                                                                                                                                                                         |
| <b>matters needing attention</b>   | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                    |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**