

## BPGM Rabbit pAb

db22734

Package : 20µL 50µL 100µL

**Product Name** : BPGM Rabbit pAb**Cat.No.:** db22734**Synonyms** : DPGM; ECYT8**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

2,3-diphosphoglycerate (2,3-DPG) is a small molecule found at high concentrations in red blood cells where it binds to and decreases the oxygen affinity of hemoglobin. This gene encodes a multifunctional enzyme that catalyzes 2,3-DPG synthesis via its synthetase activity, and 2,3-DPG degradation via its phosphatase activity. The enzyme also has phosphoglycerate phosphomutase activity. Deficiency of this enzyme increases the affinity of cells for oxygen. Mutations in this gene result in hemolytic anemia. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Sep 2009]

**Immunogen**

A synthetic peptide of human BPGM

**Gene ID**

669

**Swiss Prot**

P07738

**Synonyms**

DPGM; ECYT8

**Reactivity**

Human

**Application**

WB

**Recommended dilution**

WB: 1:1000

**Calculated MW**

30 kDa

**Observed MW**

30 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.