

PGM1 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11899
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human PGM1
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	PGM1
Synonyms	PGM1; Phosphoglucomutase-1; PGM 1; EC 5.4.2.2; Glucose phosphomutase 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

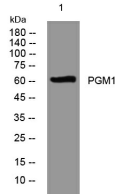
The protein encoded by this gene is an isozyme of phosphoglucomutase (PGM) and belongs to the phosphohexose mutase family. There are several PGM isozymes which are encoded by different genes and catalyze the transfer of phosphate between the 1 and 6 positions of glucose. In most cell types this PGM isozyme is predominant representing about 90% of total PGM activity. In red cells PGM2 is a major isozyme. This gene is highly polymorphic. Mutations in this gene cause glycogen storage disease type 14. Alternativley spliced transcript variants encoding different isoforms have been identified in this gene.

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year