

Product datasheet

Anti-PGAM1 antibody ab96622

★★★★★ 1 Abreviews 1 References 2 Images

Overview

Product name	Anti-PGAM1 antibody
Description	Rabbit polyclonal to PGAM1
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Zebrafish
Immunogen	Recombinant fragment, corresponding to a region within amino acids 16-209 of Human PGAM1 (AAH00455).
Positive control	293T, A431, Jurkat and Raji cell lysates

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 20% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7
Purity	Immunogen affinity purified
Purification notes	Purified by antigen affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab96622** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★	1/500 - 1/3000. Predicted molecular weight: 29 kDa.

Target

Function

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) and EC 3.1.3.13 (phosphatase), but with a reduced activity.

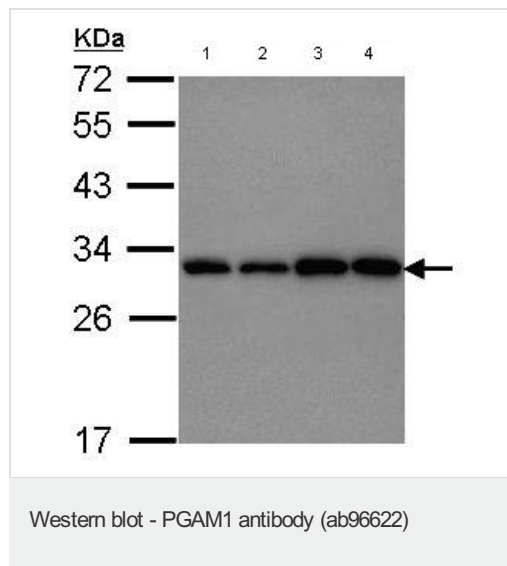
Tissue specificity

In mammalian tissues there are two types of phosphoglycerate mutase isozymes: type-M in muscles and type-B in other tissues.

Sequence similarities

Belongs to the phosphoglycerate mutase family. BPG-dependent PGAM subfamily.

Images



All lanes : Anti-PGAM1 antibody (ab96622)
at 1/1000 dilution

Lane 1 : 293T whole cell lysate

Lane 2 : A431 whole cell lysate

Lane 3 : Jurkat whole cell lysate

Lane 4 : Raji whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 29 kDa



All lanes : Anti-PGAM1 antibody (ab96622)
at 1/1000 dilution

Lane 1 : Recombinant Human PGAM1
protein (ab100885) at 0.1 µg

Lane 2 : Recombinant Human PGAM1
protein (ab100885) at 0.01 µg

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP)
preadsorbed (ab97080) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 29 kDa

Exposure time: 1 minute

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