

## Product datasheet

# Anti-PGM3 antibody ab98842

1 Image

### Overview

<b>Product name</b>	Anti-PGM3 antibody
<b>Description</b>	Rabbit polyclonal to PGM3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat, Dog
<b>Immunogen</b>	Synthetic peptide, corresponding to a region within N terminal amino acids 107-156 (IDISEKEAVN LQQDAFVVIG RDTRPSSEKL SQSVIDGVTV LGGQFHDYGL) of Human PGM3 (NP_056414). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	HepG2 cell lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	IgG fraction of antiserum.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab98842** in the following tested applications.

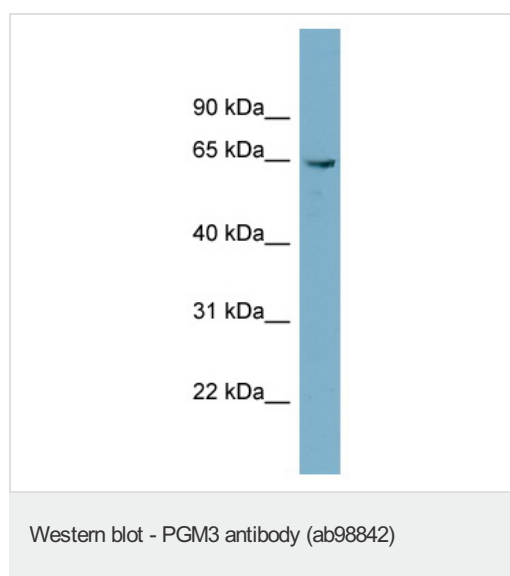
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 60 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

<b>Function</b>	Interconverts GlcNAc-6-P and GlcNAc-1-P.
<b>Tissue specificity</b>	Found in many tissues except lung. Relatively high expression in pancreas, heart, liver, and placenta, and relatively low expression in brain, skeletal muscle and kidney.
<b>Pathway</b>	Nucleotide-sugar biosynthesis; UDP-N-acetyl-alpha-D-glucosamine biosynthesis; N-acetyl-alpha-D-glucosamine 1-phosphate from alpha-D-glucosamine 6-phosphate (route I): step 2/2.
<b>Sequence similarities</b>	Belongs to the phosphohexose mutase family.

## Images



Anti-PGM3 antibody (ab98842) at 1 µg/ml +  
HepG2 cell lysate at 10 µg

**Predicted band size:** 60 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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