

Datasheet for ABIN654461
anti-PGAM2 antibody (N-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	PGAM2
Binding Specificity:	AA 12-41, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PGAM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PGAM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-41 amino acids from the N-terminal region of human PGAM2.
Clone:	RB25799
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PGAM2
Alternative Name:	PGAM2 (PGAM2 Products)
Background:	Phosphoglycerate mutase (PGAM) catalyzes the reversible reaction of 3-phosphoglycerate (3-

Target Details

PGA) to 2-phosphoglycerate (2-PGA) in the glycolytic pathway. The PGAM is a dimeric enzyme containing, in different tissues, different proportions of a slow-migrating muscle (MM) isozyme, a fast-migrating brain (BB) isozyme, and a hybrid form (MB). PGAM2 encodes muscle-specific PGAM subunit. Mutations in this gene cause muscle phosphoglycerate mutase efficiency, also known as glycogen storage disease X.

Molecular Weight: 28766

Gene ID: 5224

NCBI Accession: [NP_000281](#)

UniProt: [P15259](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

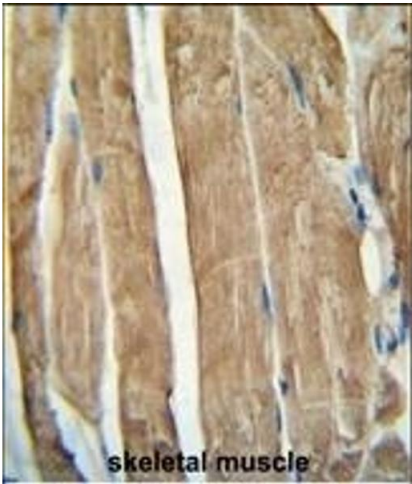
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

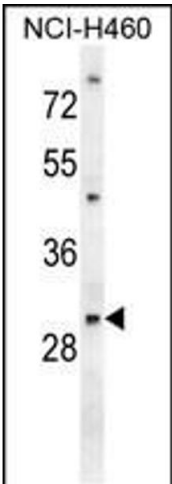
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



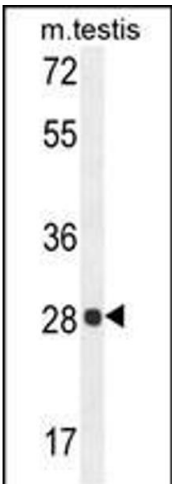
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. PG antibody (N-term) (ABIN654461 and ABIN2844194) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PG antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. PG Antibody (N-term) (ABIN654461 and ABIN2844194) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the PG antibody detected the PG protein (arrow).



Western Blotting

Image 3. PG Antibody (N-term) (ABIN654461 and ABIN2844194) western blot analysis in mouse testis tissue lysates (35 µg/lane). This demonstrates the PG antibody detected the PG protein (arrow).