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PGM5 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14638

Specification

PGM5 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q15124
Other Accession	NM_021965, NP_068800
Reactivity	**Human, Mouse, Rat, Rabbit, Bovine, Guinea Pig**
Predicted	**Human, Mouse, Rat, Rabbit, Chicken, Bovine, Guinea Pig**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**56kDa KDa**

PGM5 antibody - N-terminal region - Additional Information

Gene ID 5239

Alias Symbol	**PGMRP**

Other Names
Phosphoglucomutase-like protein 5, Aciculin, Phosphoglucomutase-related protein, PGM-RP, PGM5, PGMRP

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-PGM5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
PGM5 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

PGM5 antibody - N-terminal region - Protein Information

Name PGM5 (HGNC:8908)

Synonyms PGMRP

Function
Component of adherens-type cell-cell and cell-matrix junctions (PubMed:8175905). Has no phosphoglucomutase activity in vitro (PubMed:8175905).

Cellular Location
Cell junction, adherens junction. Cytoplasm, cytoskeleton. Cell membrane, sarcolemma {ECO:0000250|UniProtKB:Q8BZF8}. Note=Concentrated in focal contacts at the ends of actin bundles, and associated with actin filaments

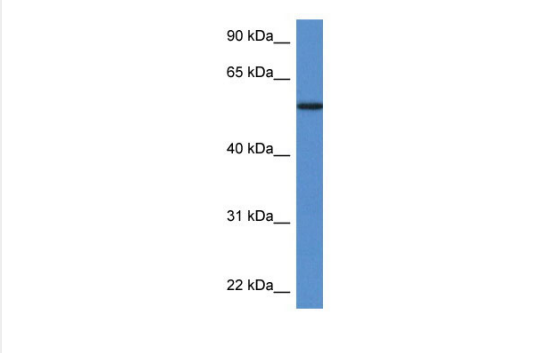
Tissue Location
Detected in smooth and cardiac muscle at high levels and in skeletal muscle at low level. Present in other tissues due to vascular or other smooth muscle component. Low levels are present in liver, kidney, skin and brain (at protein level)

PGM5 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PGM5 antibody - N-terminal region - Images



WB Suggested Anti-PGM5 Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Heart

PGM5 antibody - N-terminal region - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Humphray S.J.,et al.Nature 429:369-374(2004).
Moiseeva E.P.,et al.Eur. J. Biochem. 248:634-643(1997).
Parker K.,et al.Submitted (JUN-2007) to UniProtKB.
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