

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](http://www.uniprot.org/citations/8175905)). Has no phosphoglucomutase activity in vitro (PubMed:[8175905](http://www.uniprot.org/citations/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

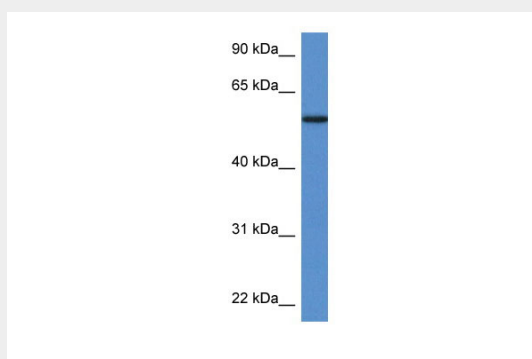
Tissue Location

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 Cytometry](#)
- [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).
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