

## ARG40850 anti-PGM5 antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes PGM5
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PGM5
Species	Human
Immunogen	Synthetic peptide around the C-terminal region of Human PGM5 (within the following region: FRLSSSSGVRATLRLYAESYERDPSGHDQEPQAVLSPLIAIALKISQIHE).
Conjugation	Un-conjugated
Alternate Names	Phosphoglucomutase-like protein 5; PGMRP; PGM-RP; Aciculin; Phosphoglucomutase-related protein

### Application Instructions

Application table	Application	Dilution
	WB	1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	PGM5
Gene Full Name	phosphoglucomutase 5
Background	Phosphoglucomutases (EC 5.2.2.2.), such as PGM5, are phosphotransferases involved in interconversion of glucose-1-phosphate and glucose-6-phosphate. PGM activity is essential in formation of carbohydrates from glucose-6-phosphate and in formation of glucose-6-phosphate from galactose and glycogen (Edwards et al., 1995 [PubMed 8586438]).[supplied by OMIM, Mar 2008]
Function	Component of adherens-type cell-cell and cell-matrix junctions. Lacks phosphoglucomutase activity. [UniProt]
Calculated Mw	62 kDa
Cellular Localization	Cell junction, adherens junction. Cytoplasm, cytoskeleton. Note=Adherens-type cellular junctions. Concentrated in focal contacts at the ends of actin bundles, and associated with actin filaments. [UniProt]

## Images

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