

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: FRLSSSGVRATLRLYAESYERDPSGHDQEPQAVLSPLIAIALKISQIHE).
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

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

