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PGM1 Antibody

Rabbit mAb
Catalog # AP93025

Product Information

Application	WB, IF, ICC, IP
Primary Accession	P36871
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	CDG1T; Glucose phosphomutase 1; GSD14; PGM1; Phosphoglucomutase 1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	61449

Additional Information

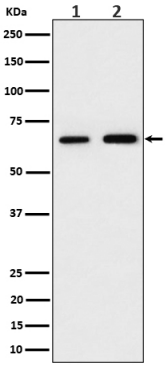
Dilution	WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PGM1
Description	This enzyme participates in both the breakdown and synthesis of glucose.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	PGM1
Function	Catalyzes the reversible isomerization of alpha-D-glucose 1- phosphate to alpha-D-glucose 6-phosphate (PubMed:15378030, PubMed:25288802). The mechanism proceeds via the intermediate compound alpha-D-glucose 1,6-bisphosphate (Probable) (PubMed:25288802). This enzyme participates in both the breakdown and synthesis of glucose (PubMed:17924679, PubMed:25288802).
Cellular Location	[Isoform 1]: Cytoplasm.

Images

Western blot analysis of PGM1 expression in (1) 293 cell lysate; (2) RAW 264.7 cell lysate.



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