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PGAM5 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17900b

Specification

PGAM5 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession	Q96HS1
Other Accession	NP_612642.2, NP_001164014.1

PGAM5 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 192111

Other Names
Serine/threonine-protein phosphatase PGAM5, mitochondrial, Bcl-XL-binding protein v68, Phosphoglycerate mutase family member 5, PGAM5

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PGAM5 Antibody (C-term) Blocking Peptide - Protein Information

Name PGAM5

Function
Displays phosphatase activity for serine/threonine residues, and, dephosphorylates and activates MAP3K5 kinase. Has apparently no phosphoglycerate mutase activity. May be regulator of mitochondrial dynamics. Substrate for a KEAP1-dependent ubiquitin ligase complex. Contributes to the repression of NFE2L2-dependent gene expression. Acts as a central mediator for programmed necrosis induced by TNF, by reactive oxygen species and by calcium ionophore.

Cellular Location
Mitochondrion outer membrane; Single-pass membrane protein. Mitochondrion inner membrane; Single-pass membrane protein. Note=Isoform 2 overexpression results in the formation of disconnected punctuate mitochondria distributed throughout the cytoplasm. Isoform 1 overexpression results in the clustering of mitochondria around the nucleus

PGAM5 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

PGAM5 Antibody (C-term) Blocking Peptide - Images

PGAM5 Antibody (C-term) Blocking Peptide - Background

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