

PPRC1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11011c

Specification

PPRC1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q5VV67](#)

PPRC1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 23082

Other Names

Peroxisome proliferator-activated receptor gamma coactivator-related protein 1, PGC-1-related coactivator, PRC, PPRC1, KIAA0595

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.

PPRC1 Antibody (C-term) Blocking peptide - Protein Information

Name PPRC1

Synonyms KIAA0595

Function

Acts as a coactivator during transcriptional activation of nuclear genes related to mitochondrial biogenesis and cell growth. Involved in the transcription coactivation of CREB and NRF1 target genes.

Cellular Location

Nucleus. Note=Colocalizes with NRF1.

Tissue Location

Strongly expressed in heart and skeletal muscle, moderately in lung, placenta, intestine, liver, kidney, spleen, thymus, colon and brain. Also expressed in several oncocyctic thyroid tumors

PPRC1 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PPRC1 Antibody (C-term) Blocking peptide - Images

PPRC1 Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is similar to PPAR-gammacoactivator 1 (PPARGC1/PGC-1), a protein that can activate mitochondrial biogenesis in part through a direct interaction with nuclear respiratory factor 1 (NRF1). This protein has been shown to interact with NRF1. It is thought to be a functional relative of PPARGC1 that activates mitochondrial biogenesis through NRF1 in response to proliferative signals.

PPRC1 Antibody (C-term) Blocking peptide - References

Reiling, E., et al. Eur. J. Hum. Genet. 17(8):1056-1062(2009) Vercauteren, K., et al. J. Biol. Chem. 284(4):2307-2319(2009) Raharijaona, M., et al. PLoS ONE 4 (11), E7964 (2009) :Lu, Y., et al. J. Lipid Res. 49(12):2582-2589(2008) Vercauteren, K., et al. J. Biol. Chem. 283(18):12102-12111(2008)