10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PCQAP Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9457c

Specification

PCQAP Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q96RN5

PCQAP Antibody (Center) Blocking Peptide - Additional Information

Gene ID 51586

Other Names
Mediator of RNA polymerase II transcription subunit 15, Activator-recruited cofactor 105 kDa component, ARC105, CTG repeat protein 7a, Mediator complex subunit 15, Positive cofactor 2 glutamine/Q-rich-associated protein, PC2 glutamine/Q-rich-associated protein, TPA-inducible gene 1 protein, TIG-1, Trinucleotide repeat-containing gene 7 protein, MED15, ARC105, CTG7A, PCQAP, TIG1, TNRC7

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.

PCQAP Antibody (Center) Blocking Peptide - Protein Information

Name MED15

Synonyms ARC105, CTG7A, PCQAP, TIG1, TNRC7

Function
Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene- specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. Required for cholesterol- dependent gene regulation. Positively regulates the Nodal signaling pathway.

Cellular Location
Cytoplasm. Nucleus.

Tissue Location

Expressed in all tissues examined, including heart, brain, lung, spleen, thymus, pancreas, blood leukocyte and placenta However, the level of expression varied, with highest expression in the placenta and peripheral blood and lowest in the pancreas and kidney

PCQAP Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

PCQAP Antibody (Center) Blocking Peptide - Images

PCQAP Antibody (Center) Blocking Peptide - Background

PCQAP is a subunit of the multiprotein complexes PC2 and ARC/DRIP and may function as a transcriptional coactivator in RNA polymerase II transcription. This gene contains stretches of trinucleotide repeats and is located in the chromosome 22 region which is deleted in DiGeorge syndrome.

PCQAP Antibody (Center) Blocking Peptide - References

Wezensky, S.J., et al. Gene 452(1):22-34(2010)Ishikawa, H., et al. FEBS Lett. 580(20):4784-4792(2006)Yang, F., et al. Nature 442(7103):700-704(2006)Lim, J., et al. Cell 125(4):801-814(2006)Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004)