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

MED4 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10941b

Specification

MED4 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q9NPJ6

MED4 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 29079

Other Names
Mediator of RNA polymerase II transcription subunit 4, Activator-recruited cofactor 36 kDa component, ARC36, Mediator complex subunit 4, TRAP/SMCC/PC2 subunit p36 subunit, Vitamin D3 receptor-interacting protein complex 36 kDa component, DRIP36, MED4, ARC36, DRIP36, VDRIP

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.

MED4 Antibody (C-term) Blocking peptide - Protein Information

Name MED4

Synonyms ARC36, DRIP36, VDRIP

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.

Cellular Location
Nucleus.

MED4 Antibody (C-term) Blocking peptide - Protocols

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

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

- Blocking Peptides

MED4 Antibody (C-term) Blocking peptide - Images

MED4 Antibody (C-term) Blocking peptide - Background

The Mediator is a multiprotein coactivator that isrequired by DNA-binding transcription factors for activation ofpolymerase II (see MIM 180660)-transcribed genes. MED4 appears tobe a core Mediator subunit and is found in nearly all Mediatorpreparations (summary by Sato et al., 2004 [PubMed15175163]).

MED4 Antibody (C-term) Blocking peptide - References

Panierakis, C., et al. Int. J. Infect. Dis. 13 (6), E437-E443 (2009) :Kob, R., et al. Cell Cycle 6(8):993-996(2007)Conaway, J.W., et al. FEBS Lett. 579(4):904-908(2005)Colland, F., et al. Genome Res. 14(7):1324-1332(2004)Sato, S., et al. Mol. Cell 14(5):685-691(2004)