

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

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

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 is required by DNA-binding transcription factors for activation of polymerase II (see MIM 180660)-transcribed genes. MED4 appears to be a core Mediator subunit and is found in nearly all Mediator preparations (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)