

MED4 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7461c**Specification****MED4 Antibody (Center) Blocking Peptide -
Product Information**Primary Accession [Q9NPJ6](#)**MED4 Antibody (Center) 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

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7461c](/products/AP7461c) was selected from the Center region of human MED4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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 (Center) Blocking Peptide -**MED4 Antibody (Center) Blocking Peptide
- Background**

MED4 is component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. The protein functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. This protein as 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.

**MED4 Antibody (Center) Blocking Peptide
- References**

Rachez C., Lemon B.D. Nature 398:824-828(1999) Malik S., Gu W. Mol. Cell 5:753-760(2000) Zhang X., Krutchinsky A. Mol. Cell 19:89-100(2005)

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 (Center) Blocking Peptide
- Protocols**

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

- [Blocking Peptides](#)