

**MED25 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10203a****Specification**

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**MED25 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [Q71SY5](#)  
Other Accession [NP\\_112235.2](#)

**MED25 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 81857

**Other Names**

Mediator of RNA polymerase II transcription subunit 25, Activator interaction domain-containing protein 1, Activator-recruited cofactor 92 kDa component, ARC92, Mediator complex subunit 25, p78, MED25, ACID1, ARC92, PTOV2

**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.

**MED25 Antibody (N-term) Blocking peptide - Protein Information**

**Name** MED25

**Synonyms** ACID1, ARC92, PTOV2

**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 RARA/RXRA-mediated transcription.

**Cellular Location**

Nucleus.

**Tissue Location**

Ubiquitously expressed. Highest levels in brain, heart, kidney, peripheral leukocytes, placenta, skeletal muscle and spleen.

## **MED25 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **MED25 Antibody (N-term) Blocking peptide - Images**

## **MED25 Antibody (N-term) Blocking peptide - Background**

This gene encodes a component of the transcriptionalcoactivator complex termed the Mediator complex. This complex isrequired for transcription of most RNA polymerase II-dependentgenes. The encoded protein plays a role in chromatin modificationand in preinitiation complex assembly. Mutations in this gene areassociated with Charcot-Marie-Tooth disease type 2B2. [provided byRefSeq].

## **MED25 Antibody (N-term) Blocking peptide - References**

Roupelieva, M., et al. J. Gen. Virol. 91 (PT 5), 1138-1149 (2010) :Leal, A., et al. Neurogenetics 10(4):275-287(2009)Lee, H.K., et al. EMBO J. 26(15):3545-3557(2007)Sato, S., et al. Mol. Cell 14(5):685-691(2004)Yang, F., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2339-2344(2004)