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

MED8 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12649c

Specification

MED8 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q96G25

MED8 Antibody (Center) Blocking peptide - Additional Information

Gene ID 112950

Other Names
Mediator of RNA polymerase II transcription subunit 8, Activator-recruited cofactor 32 kDa component, ARC32, Mediator complex subunit 8, MED8

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.

MED8 Antibody (Center) Blocking peptide - Protein Information

Name MED8

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. May play a role as a target recruitment subunit in E3 ubiquitin-protein ligase complexes and thus in ubiquitination and subsequent proteasomal degradation of target proteins.

Cellular Location
Nucleus.

MED8 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

MED8 Antibody (Center) Blocking peptide - Images

MED8 Antibody (Center) Blocking peptide - Background

This gene encodes a protein that is one of more than 20subunits of the mediator complex, first identified in S.cerevisiae, that is required for activation of transcription. Theproduct of this gene also interacts with elongins B and C, and CUL2and RBX1, to reconstitute a ubiquitin ligase. Two alternativetranscripts encoding different isoforms have been described.

MED8 Antibody (Center) Blocking peptide - References

Leonard, V.H., et al. J. Virol. 80(19):9667-9675(2006)Wang, A.G., et al. Biochem. Biophys. Res. Commun. 345(3):1022-1032(2006)Sato, S., et al. Mol. Cell 14(5):685-691(2004)Tomomori-Sato, C., et al. J. Biol. Chem. 279(7):5846-5851(2004)Sato, S., et al. J. Biol. Chem. 278(50):49671-49674(2003)