

**MED8 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP50634****Specification**

---

**MED8 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q96G25</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29,33,19 KDa
Antigen Region	101-129

**MED8 Antibody - 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

**Dilution**

WB~~1:1000

**Format**

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

**Storage Conditions**

-20°C

**MED8 Antibody - 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**

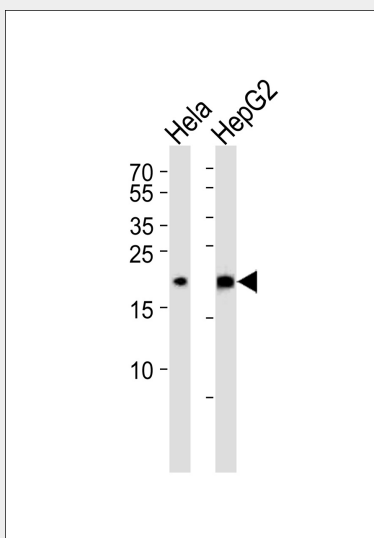
Nucleus.

## MED8 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## MED8 Antibody - Images



Western blot analysis of lysates from HeLa, HepG2 cell line (from left to right), using MED8 Antibody (AP50634). AP50634 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

## MED8 Antibody - Background

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.

## MED8 Antibody - References

- Brower C.S., et al. Proc. Natl. Acad. Sci. U.S.A. 99:10353-10358 (2002).  
Gregory S.G., et al. Nature 441:315-321 (2006).  
Naeaeer A.M., et al. Nature 398:828-832 (1999).  
Sato S., et al. J. Biol. Chem. 278:15123-15127 (2003).  
Sato S., et al. Mol. Cell 14:685-691 (2004).

