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MED8 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50634

Product Information

Application	WB
Primary Accession	Q96G25
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	29080

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 Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20℃

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.

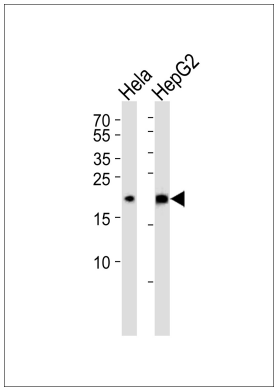
Background

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.

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).
Naeaer 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).

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 35ug per lane.