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MED23 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50842

Product Information

Application	WB, IF, IHC
Primary Accession	Q9ULK4
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	156474

Additional Information

Gene ID	9439
Other Names	Mediator of RNA polymerase II transcription subunit 23, Activator-recruited cofactor 130 kDa component, ARC130, Cofactor required for Sp1 transcriptional activation subunit 3, CRSP complex subunit 3, Mediator complex subunit 23, Protein sur-2 homolog, hSur-2, Transcriptional coactivator CRSP130, Vitamin D3 receptor-interacting protein complex 130 kDa component, DRIP130, MED23, ARC130, CRSP3, DRIP130, KIAA1216, SUR2
Dilution	WB~~ 1:1000 IF~~1:100 IHC~~1:50~100
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	MED23
Synonyms	ARC130, CRSP3, DRIP130, KIAA1216, SUR2
Function	Required for transcriptional activation subsequent to the assembly of the pre-initiation complex (By similarity). 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 pre-initiation complex with RNA polymerase II and the general transcription factors. Required for transcriptional activation by adenovirus E1A protein. Required for ELK1-dependent transcriptional activation in response to activated Ras signaling.

Cellular Location Nucleus.

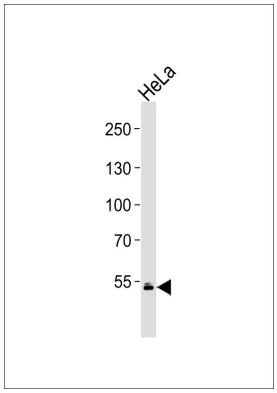
Background

Required for transcriptional activation subsequent to the assembly of the preinitiation complex (By similarity). 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 transcriptional activation by adenovirus E1A protein. Required for ELK1-dependent transcriptional activation in response to activated Ras signaling.

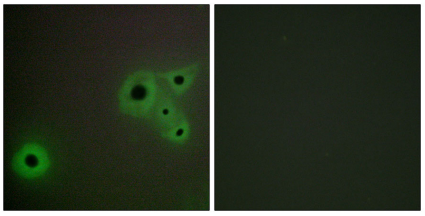
References

Rachez C.,et al.Nature 398:824-828(1999).
Boyer T.G.,et al.Nature 399:276-279(1999).
Ryu S.,et al.Nature 397:446-450(1999).
Kivil A.,et al.Submitted (JAN-2008) to the EMBL/GenBank/DDBJ databases.
Nagase T.,et al.DNA Res. 6:337-345(1999).

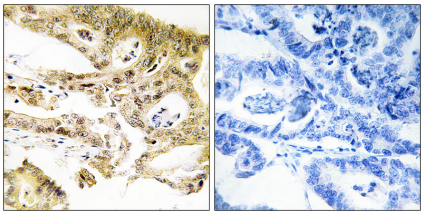
Images



Western blot analysis of lysate from HeLa cell line,using MED23 Antibody, was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug.



Immunofluorescence analysis of A549 cells, using MED23 antibody.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using MED23 antibody.