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MED31 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14009

Specification

MED31 antibody - N-terminal region - Product Information

Application	**CHIP, WB**
Primary Accession	Q9Y3C7
Other Accession	NM_016055, NP_057144
Reactivity	**Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Chicken, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**16kDa KDa**

MED31 antibody - N-terminal region - Additional Information

Gene ID 51003

Alias Symbol	**3110004H13Rik, CGI-125, FLJ27436, FLJ36714, Soh1**

Other Names
Mediator of RNA polymerase II transcription subunit 31, Mediator complex subunit 31, Mediator complex subunit SOH1, hSOH1, MED31, SOH1

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-MED31 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
MED31 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

MED31 antibody - N-terminal region - Protein Information

Name MED31

Synonyms SOH1

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.

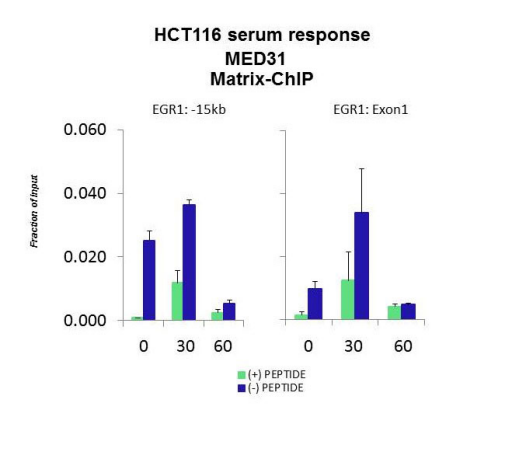
Cellular Location
Nucleus.

MED31 antibody - N-terminal region - Protocols

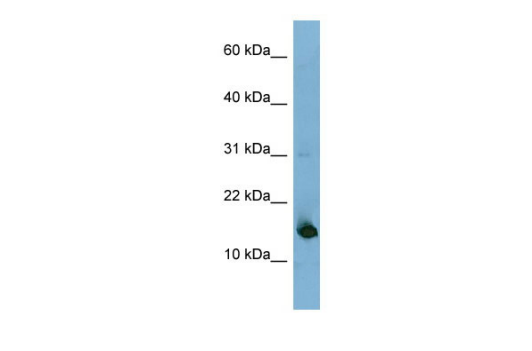
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MED31 antibody - N-terminal region - Images



Quiescent human colon carcinoma HCT116 cultures were treated with 10% FBS for three time points (0, 15, 30min) or (0, 30, 60min) were used in Matrix-ChIP and real-time PCR assays at EGR1 gene (Exon1) and 15kb upstream site.



WB Suggested Anti-MED31 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Human Liver

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MED31 antibody - N-terminal region - References

Lai C.-H.,et al.Genome Res. 10:703-713(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Gu W.,et al.Mol. Cell 3:97-108(1999).
Gu W.,et al.Mol. Cell 3:541-541(1999).