

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

MED31 antibody - N-terminal region - Product Information

Application	WB, CHIP
Primary Accession	O9Y3C7
Other Accession	NM_016055 , NP_057144
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rat, Chicken, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 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

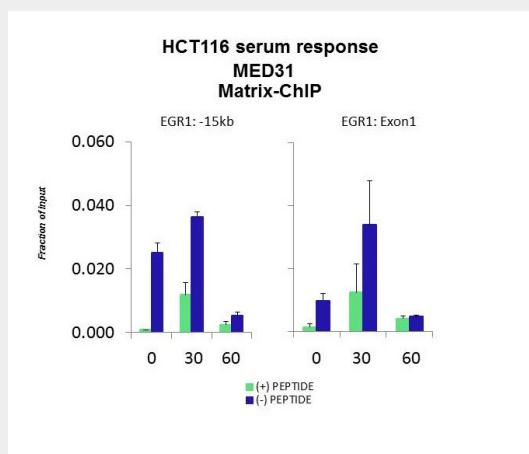
Nucleus.

MED31 antibody - N-terminal region - Protocols

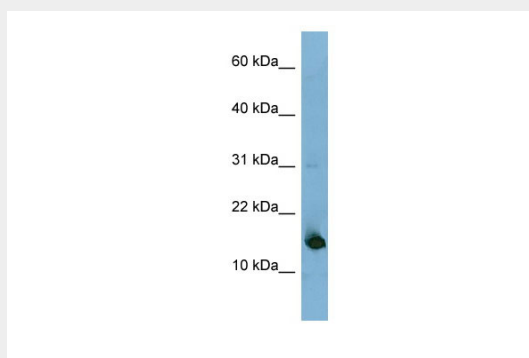
Provided below are standard protocols that you may find useful for product applications.

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

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).