

MED31 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14009

Product Information

Application	WB, CHIP
Primary Accession	Q9Y3C7
Other Accession	NM_016055 , NP_057144
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15805

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.

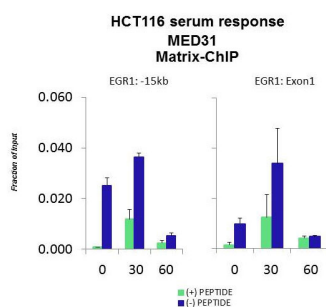
Protein Information

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.

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).

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 μ g/ml
ELISA Titer: 1:1562500
Positive Control: Human Liver

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.