

Datasheet for ABIN2786919
anti-MED31 antibody (N-Term)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MED31
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED31 antibody is un-conjugated
Application:	Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MED31
Sequence:	MAAAVAMETD DAGNRLRFQL ELEFVQCLAN PNYLNFLAQR GYFKDKAFVN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MED31. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MED31
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Target Details

Alternative Name:	MED31 (MED31 Products)
Background:	<p>MED31 is the 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</p> <p>Alias Symbols: 3110004H13Rik, CGI-125, FLJ27436, FLJ36714, Soh1</p> <p>Protein Interaction Partner: UBC, CDK19, CDK8, MED19, MED26, FBXW7, GADD45G, FAM118B, DAZAP2, SELENBP1, TK1, SMN1, NR4A1, CDKN1A, ANXA7, HTT, MED28, MED18, MED12, QKI, TADA2A, ZSCAN1, MED7, HGH1, ASCC2, ZBTB45, RBM23, MED9, EEF1G, PMF1, HNRNPUL1, MOB4, ORAI2, HSPB1, CACNB4, ERH, C2or</p> <p>Protein Size: 131</p>
Molecular Weight:	16 kDa
Gene ID:	51003
NCBI Accession:	NM_016055 , NP_057144
UniProt:	Q9Y3C7
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 131 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

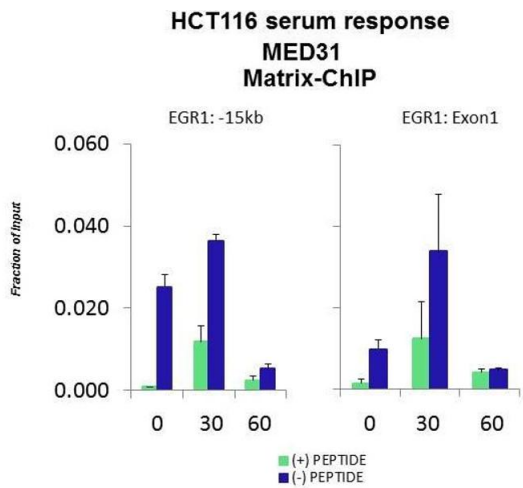
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

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



Chromatin Immunoprecipitation

Image 2. 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.