10320 Camino Santa Fe, Suite G
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MED18 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51339

Specification

MED18 Antibody - Product Information

Application	**WB**
Primary Accession	Q9BUE0
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**24 KDa**
Antigen Region	**51 - 110**

MED18 Antibody - Additional Information

Gene ID 54797

Other Names
Mediator of RNA polymerase II transcription subunit 18, Mediator complex subunit 18, p28b, MED18

Target/Specificity
KLH conjugated synthetic peptide derived from human MED18

Dilution
WB~~ 1:1000

Format
0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage
Store at -20 °C.Stable for 12 months from date of receipt

MED18 Antibody - Protein Information

Name MED18

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.

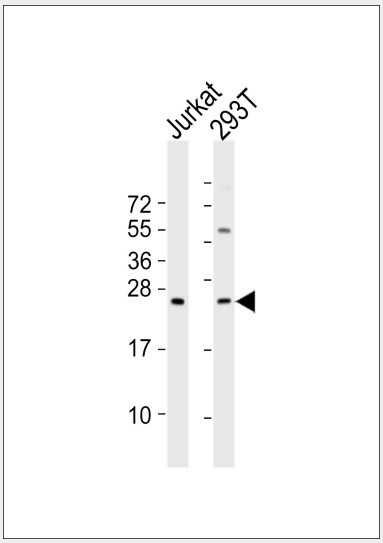
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MED18 Antibody - Protocols

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

MED18 Antibody - Images



All lanes : Anti-MED18 Antibody at 1:1000 dilution Lane 1: Jurkat whole cell lysates Lane 2: 293T whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size : 24 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

MED18 Antibody - Background

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.

MED18 Antibody - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
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Sato S.,et al.J. Biol. Chem. 278:15123-15127(2003).