10320 Camino Santa Fe, Suite G
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Mouse Med12 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21384b

Specification

Mouse Med12 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	A2AGH6
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**244561**

Mouse Med12 Antibody (C-term) - Additional Information

Gene ID 59024

Other Names
Mediator of RNA polymerase II transcription subunit 12, Mediator complex subunit 12, OPA-containing protein, Thyroid hormone receptor-associated protein complex 230 kDa component, Trap230, Trinucleotide repeat-containing gene 11 protein, Med12, Kiaa0192, Mopa, Tnrc11, Trap230

Target/Specificity
This Mouse Med12 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1991-2025 amino acids from the C-terminal region of Mouse Med12.

Dilution
WB~~1:2000
IHC-P~~1:25
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Mouse Med12 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Med12 Antibody (C-term) - Protein Information

Name Med12

Synonyms Kiaa0192, Mopa, Tnrc11, Trap230

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. This subunit may specifically regulate transcription of targets of the Wnt signaling pathway and SHH signaling pathway (By similarity).

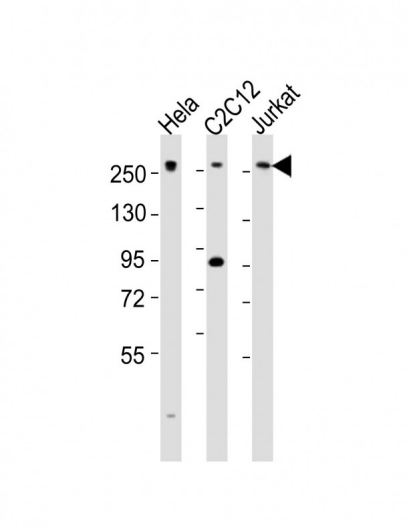
Cellular Location
Nucleus.

Mouse Med12 Antibody (C-term) - 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

Mouse Med12 Antibody (C-term) - Images



All lanes : Anti-Med12 Antibody (C-term) at 1:2000 dilution Lane 1: Hela whole cell lysates Lane 2: C2C12 whole cell lysates Lane 3: Jurkat 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 : 245 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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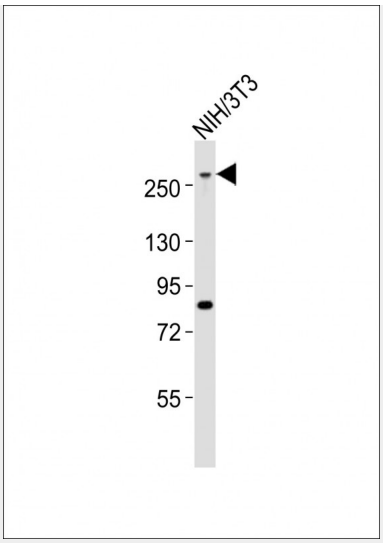
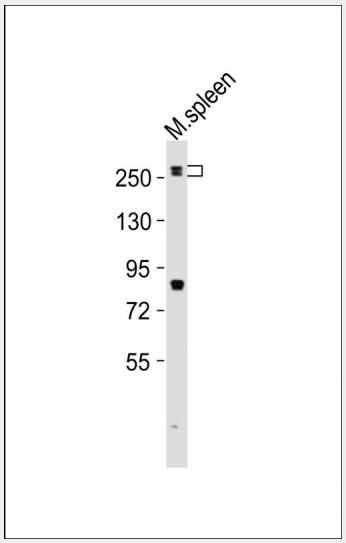


Anti-Med12 Antibody (C-term)at 1:1000 dilution + NIH/3T3 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 245 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-Med12 Antibody (C-term)at 1:1000 dilution + mouse spleen lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 245 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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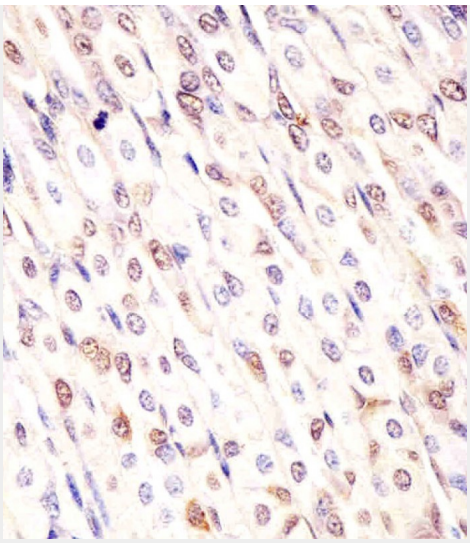

AP21384b staining Mouse Med12 in mouse stomach sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

Mouse Med12 Antibody (C-term) - 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. This subunit may specifically regulate transcription of targets of the Wnt signaling pathway and SHH signaling pathway (By similarity).

Mouse Med12 Antibody (C-term) - References

Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).
Philibert R.A.,et al.Mol. Psychiatry 3:303-309(1998).
Okazaki N.,et al.Submitted (FEB-2005) to the EMBL/GenBank/DDBJ databases.
Park J.,et al.Mol. Cell 50:919-930(2013).