

Anti-MED23/Crsp130 Antibody

Catalog Number: A03859

About MED23

Required for transcriptional activation subsequent to the assembly of the preinitiation complex. By similarity. 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. Required for transcriptional activation by adenovirus E1A protein. Required for ELK1-dependent transcriptional activation in response to activated Ras signaling.

Wiemann S., Genome Res. 11:422-435(2001).

Mungall A.J., Nature 425:805-811(2003).

Akoulitchev S., Nature 407:102-106(2000).

Overview

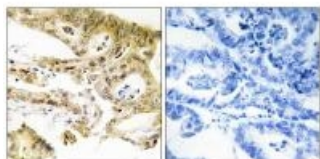
Product Name	Anti-MED23/Crsp130 Antibody
Reactive Species	Human
Description	Boster Bio Anti-MED23/Crsp130 Antibody (Catalog # A03859). Tested in WB, IHC, IF applications. This antibody reacts with Human.
Application	IF, IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9ULK4

Technical Details

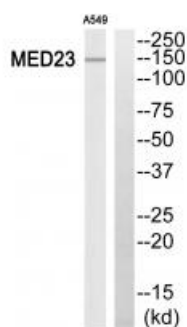
Immunogen	Synthesized peptide derived from internal of human MED23.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid

Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blotting: 1:500~1:3000</p> <p>Immunohistochemistry: 1:50~1:100</p> <p>Immunofluorescence: 1:100~1:500</p>

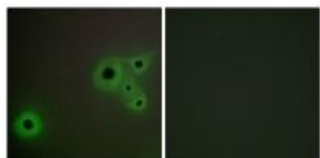
Anti-MED23/Crsp130 Antibody (A03859) Images



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using MED23 antibody A03859.



Western blot analysis of extracts from A549 cells, using MED23 antibody A03859.



Immunofluorescence analysis of A549 cells, using MED23 antibody A03859.

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