


Product datasheet

Anti-CRSP2 / MED14 antibody ab72141

[2 References](#) [2 Images](#)

Overview

Product name	Anti-CRSP2 / MED14 antibody
Description	Rabbit polyclonal to CRSP2 / MED14
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Horse, Dog, Pig, Chimpanzee, Rhesus monkey, Orangutan 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Whole cell lysate from Hela cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab72141 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		
IP		

Application notes

IP: Use at 2-5µg/mg of lysate.
WB: 1/2000 - 1/10000. Detects bands of approximately 71 and 160 kDa and various other bands (predicted molecular weight: 160 kDa).

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

Target

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.

Tissue specificity

Ubiquitous.

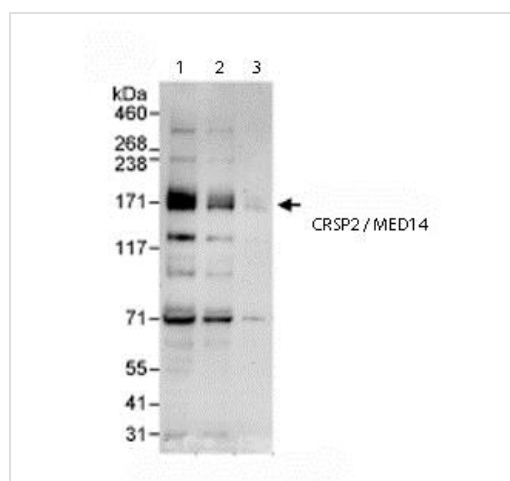
Sequence similarities

Belongs to the Mediator complex subunit 14 family.

Cellular localization

Nucleus.

Images



Western blot - Anti-CRSP2 / MED14 antibody (ab72141)

All lanes : Anti-CRSP2 / MED14 antibody (ab72141) at 0.04 µg/ml

Lane 1 : Whole cell lysate from Hela cells at 50 µg

Lane 2 : Whole cell lysate from Hela cells at 15 µg

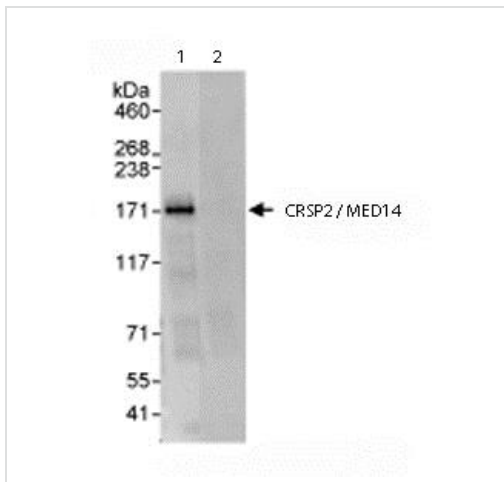
Lane 3 : Whole cell lysate from Hela cells at 5 µg

Predicted band size: 160 kDa

Observed band size: 160 kDa

Additional bands at: 120 kDa, 71 kDa. We are unsure as to the identity of these extra bands.

Various other bands are detected.



Immunoprecipitation - Anti-CRSP2 / MED14
antibody (ab72141)

Immunoprecipitation/ Western Blot of CRSP2 / MED14.

Lane 1: ab72141 at 3µg/mg whole cell lysate for IP.

Lane 2: Control IgG.

ab72141 at 1µg/ml for subsequent WB.

Whole cell lysate from Hela cells at 1mg for IP, 20% of IP loaded.

Detection: Chemiluminescence with an exposure time of 3 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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