

CRSP1 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10557**Specification**

CRSP1 Antibody - Product Information

Application	WB, IP
Primary Accession	Q15648
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	168478

CRSP1 Antibody - Additional Information**Gene ID** 5469

Application & Usage	Western blotting (1:500 - 1:2500 µg/ml), Immunoprecipitation. However, the optimal concentrations should be determined individually.
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Other Names

CRSP1, CRSP-1, Cofactor Required for Sp1 Transcriptional Activation 1, TRAP220, Thyroid Hormone Receptor-Associated Protein Complex Component, 220 kD, PPARBP, PPAR Binding Protein, DRIP205, Vitamin D Receptor Interacting Protein Complex Component, 205 kD, DRIP230, Vitamin D Receptor-Interacting Protein, 230 kD, TRIP2, Thyroid Receptor Interacting Protein 2, MED1, PBP, PPARGBP, RB18A

Target/Specificity

CRSP1

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µl purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 1% BSA and 0.02% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

CRSP1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CRSP1 Antibody - Protein Information

Name MED1

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 (PubMed:10406464, PubMed:11867769, PubMed:12037571, PubMed:12218053, PubMed:12556447, PubMed:14636573, PubMed:15340084, PubMed:15471764, PubMed:15989967, PubMed:16574658, PubMed:9653119). Acts as a coactivator for GATA1-mediated transcriptional activation during erythroid differentiation of K562 erythroleukemia cells (PubMed:24245781).

Cellular Location

Nucleus. Note=A subset of the protein may enter the nucleolus subsequent to phosphorylation by MAPK1 or MAPK3

Tissue Location

Ubiquitously expressed.

CRSP1 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 Cytometry](#)
- [Cell Culture](#)

CRSP1 Antibody - Images**CRSP1 Antibody - Background**

CSP1/TRAP220 is a 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