

### **CRSP1 Antibody**

Rabbit Polyclonal Antibody Catalog # ABV10557

### **Specification**

### **CRSP1 Antibody - Product Information**

Application Primary Accession Reactivity Host

Clonality Isotype

Calculated MW

**WB, IP** 015648

Human, Mouse

Rabbit Polyclonal Rabbit IgG 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.

## **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**

 $100~\mu l$  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: <a href="http://www.uniprot.org/citations/10406464" target=" blank">10406464</a>, PubMed:<a href="http://www.uniprot.org/citations/11867769" target=" blank">11867769</a>, PubMed:<a href="http://www.uniprot.org/citations/12037571" target="blank">12037571</a>, PubMed:<a href="http://www.uniprot.org/citations/12218053" target="blank">12218053</a>, PubMed:<a href="http://www.uniprot.org/citations/12556447" target="blank">12556447</a>, PubMed:<a href="http://www.uniprot.org/citations/14636573" target="blank">14636573</a>, PubMed:<a href="http://www.uniprot.org/citations/15340084" target="\_blank">15340084</a>, PubMed:<a href="http://www.uniprot.org/citations/15471764" target=" blank">15471764</a>, PubMed:<a href="http://www.uniprot.org/citations/15989967" target=" blank">15989967</a>, PubMed:<a href="http://www.uniprot.org/citations/16574658" target=" blank">16574658</a>, PubMed:<a href="http://www.uniprot.org/citations/9653119" target=" blank">9653119</a>). Acts as a coactivator for GATA1- mediated transcriptional activation during erythroid differentiation of K562 erythroleukemia cells (PubMed: <a href="http://www.uniprot.org/citations/24245781" target="\_blank">24245781</a>).

#### **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**

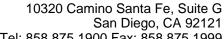
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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





Tel: 858.875.1900 Fax: 858.875.1999

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