

Tel: 400-999-8863 
■ Email:Upingbio.163.com



# CRSP130 Polyclonal Antibody

Catalog No	YP-Ab-01624
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	MED23
Protein Name	Mediator of RNA polymerase II transcription subunit 23
Immunogen	The antiserum was produced against synthesized peptide derived from human MED23. AA range:1-50
Specificity	CRSP130 Polyclonal Antibody detects endogenous levels of CRSP130 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MED23; ARC130; CRSP3; DRIP130; KIAA1216; SUR2; Mediator of RNA polymerase II transcription subunit 23; Activator-recruited cofactor 130 kDa component; ARC130; Cofactor required for Sp1 transcriptional activation subunit 3; CRSP complex subu
Observed Band	150kD
Cell Pathway	Nucleus .
Tissue Specificity	Brain, Cervix carcinoma, Placenta, Prostate, Testis,
Function	alternative products:Experimental confirmation may be lacking for some isoforms, function: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.



## UpingBio technology Co.,Ltd

📞 Tel: 400-999-8863 🗷 Email:Upingbio.163.com



Required for ELK1-dependent transcriptional activation in response to activated Ras signaling., similarity: Belongs to the

#### Background

The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. This protein also acts as a metastasis suppressor. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2012],

#### matters needing attention

Avoid repeated freezing and thawing!

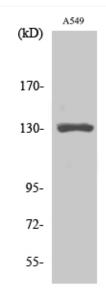
### **Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

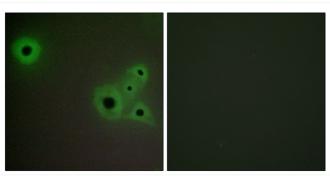




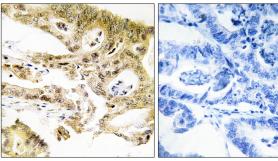
# **Products Images**



Western Blot analysis of various cells using CRSP130 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Immunofluorescence analysis of A549 cells, using MED23 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using MED23 Antibody. The picture on the right is blocked with the synthesized peptide.