



CRSP130 rabbit pAb

Cat No.:ES2055

For research use only

Overview

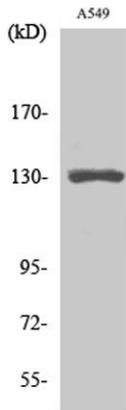
Product Name	CRSP130 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Mediator of RNA polymerase II transcription subunit 23
Gene Name	MED23
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	150kD
Human Gene ID	9439
Human Swiss-Prot Number	Q9ULK4
Alternative Names	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





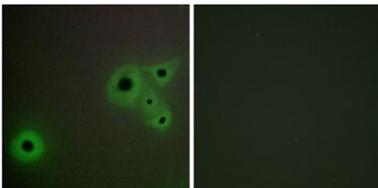
Background

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],



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).

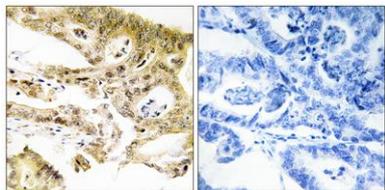
Immunofluorescence analysis of A549 cells, using MED23 Antibody. The picture on the right is blocked with the synthesized peptide.





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



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