

## CRSP130 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP02249
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MED23. AA range:1-50
<b>Mol wt</b>	156474
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	CRSP130 Antibody
<b>Synonyms</b>	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

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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. Mediator complex subunit 23 encoded by MED23 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 MED23.

### Recommended Dilution

WB: 1: 500 - 1: 2000

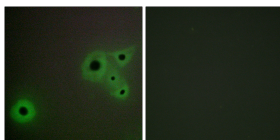
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

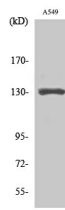
ELISA: 1: 5000

Not yet tested in other applications.

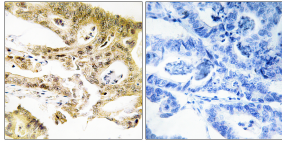
### Images



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



Western Blot analysis of various cells using CRSP130 Polyclonal Antibody cells nucleus.



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

### Storage

-20°C for one year

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