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Datasheet for ABIN1703783
anti-MED23 antibody (AA 401-500) (Cy5)

Overview

Quantity:	100 µL
Target:	MED23
Binding Specificity:	AA 401-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED23 antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DRIP130/CRSP130
Isotype:	IgG
Predicted Reactivity:	Human,Mouse
Purification:	Purified by Protein A.

Target Details

Target:	MED23
Alternative Name:	DRIP130/CRSP130 (MED23 Products)
Background:	Synonyms: 130 kDa transcriptional co activator, 133 kDa transcriptional co activator, Activator

Target Details

recruited cofactor 130 kDa component, Activator-recruited cofactor 130 kDa component, ARC 130, ARC130, Cofactor required for Sp1 transcriptional activation subunit 3 130 kDa, Cofactor required for Sp1 transcriptional activation subunit 3 130 kDa mediator, Cofactor required for Sp1 transcriptional activation subunit 3, CRSP 130, CRSP 130 kD subunit, CRSP 133, CRSP 3, CRSP complex subunit 3, CRSP130, CRSP133, CRSP3, CRSP3 protein, DKFZp434H0117, DRIP 130, DRIP130, hSur-2, KIAA1216, MED 23, MED23, MED23_HUMAN, Mediator complex subunit 23, Mediator of RNA polymerase II transcription subunit 23, Protein sur-2 homolog, SUR 2, SUR2, Transcriptional co activator CRSP 130, Transcriptional co activator CRSP130, Transcriptional coactivator CRSP130, Vitamin D3 receptor interacting protein, Vitamin D3 receptor interacting protein complex 130 kDa component, Vitamin D3 receptor-interacting protein complex 130 kDa component.

Background: In mammalian cells, transcription is regulated in part by high molecular weight coactivating complexes that mediate signals between transcriptional activators and RNA polymerase (1). These complexes include CRSP (for cofactor required for Sp1 activation), which is required, in conjunction with TAFII, for transcriptional activation by Sp1 (2). CRSP is ubiquitously expressed in various tissues and functions as a multimeric complex that consists of nine distinct subunits (3). Several members of the CRSP family share sequence similarity with multiple components of the yeast transcriptional mediator proteins, including CRSP150, which is related to yeast Rgr1, and CRSP70, which is similar to the elongation factor TFIIS (4). CRSP77 and CRSP150 are also related to proteins within the putative murine mediator complex, while CRSP130 and CRSP34 are largely unrelated to either murine or yeast proteins (2,5). CRSP subunits also associate with larger multimeric coactivator complexes, including ARC/DRI, which binds directly to SREBP and nuclear hormone receptors to facilitate transcription, and with NAT, a polymerase II-interacting complex that represses activated transcription (6,7).

Gene ID: 9439

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months