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Datasheet for ABIN1391215
anti-MED7 antibody (AA 101-200) (Biotin)

Overview

Quantity:	100 µL
Target:	MED7
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED7 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CRSP9
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken, Zebrafish
Purification:	Purified by Protein A.

Target Details

Target:	MED7
Alternative Name:	CRSP9 (MED7 Products)
Background:	Synonyms: Cofactor required for Sp1 transcriptional activation subunit 9, CRSP complex

Target Details

subunit 9, CRSP33, hMED7, MED7, MED7_HUMAN, Mediator complex subunit 7, Mediator of RNA polymerase II transcription subunit 7, MGC12284, RNA polymerase transcriptional regulation mediator subunit 7 homolog, Transcriptional coactivator CRSP33, Activator recruited cofactor 34 kDa component, Activator-recruited cofactor 34 kDa component, ARC34.

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 the SMCC (SRB and MED protein cofactor complex), which consists of various subunits that share homology with several components of the yeast transcriptional mediator complexes, and including the human proteins Srb7, Med6 (also designated DRIP33) and Med7 (also designated DRIP34) (2,3). SMCC associates with the RNAPII (RNA polymerase II) holoenzyme through Srb7 and, in turn, enhances gene-specific activation or repression induced by DNA-binding transcription factors (4). Med6 and Med7, as well as other components of SMCC, associate with coactivator proteins from the TRAP (thyroid hormone receptor-activating protein) complex and DRIP (for vitamin D receptor interacting protein) complex to facilitate steroid receptor dependent transcriptional activation (4,5). Additionally, SMCC associates with PC4 (positive cofactor 4) to repress basal transcription independent of RNAPII activity (6).

Gene ID: 9443

Pathways: [Stem Cell Maintenance](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

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

Handling

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 for 12 months.
Expiry Date:	12 months