Datasheet for ABIN953378

anti-MED7 antibody (Middle Region)

2 Images

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Overview

Quantity:	0.4 mL
Target:	MED7
Binding Specificity:	AA 90-119, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED7 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 90-119 amino acids from the Central region of human MED7
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human MED7 (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	MED7
Alternative Name:	MED7 (MED7 Products)
Background:	The activation of gene transcription is a multistep process that is triggered by factors that

Target Details

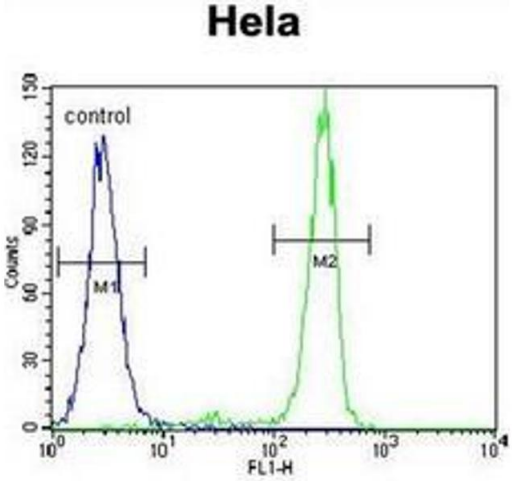
	recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required 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. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq].Synonyms: ARC34, Activator-recruited cofactor 34 kDa component, CRSP complex subunit 9, CRSP9, Cofactor required for Sp1 transcriptional activation subunit 9, Mediator complex subunit 7, Mediator of RNA polymerase II transcription subunit 7, RNA polymerase transcriptional regulation mediator subunit 7 homolog, Transcriptional coactivator CRSP33
Molecular Weight:	27245 Da
Gene ID:	9443
NCBI Accession:	NP_001094286
Pathways:	Stem Cell Maintenance, Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

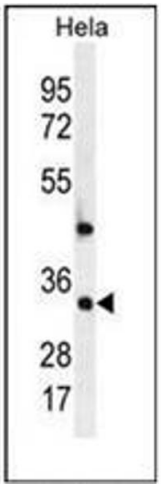
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. Flow cytometric analysis of Hela cells using MED7 Antibody (Center) Cat.-No AP52659PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of MED7 Antibody (Center) in Hela cell line lysates (35ug/lane). This demonstrates the MED7 antibody detected the MED7 protein (arrow).

