

Datasheet for ABIN655901  
**anti-MED7 antibody (AA 83-111)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	MED7
Binding Specificity:	AA 83-111
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED7 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This MED7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 83-111 amino acids from the Central region of human MED7.
Clone:	RB18104
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MED7
Alternative Name:	MED7 ( <a href="#">MED7 Products</a> )

## Target Details

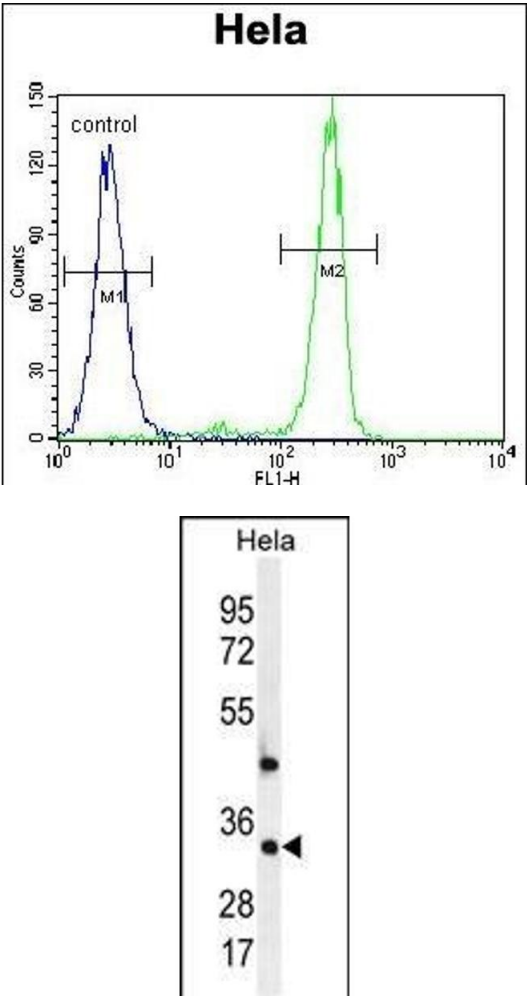
Background:	The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is 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. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq].
Molecular Weight:	27245
Gene ID:	9443
NCBI Accession:	<a href="#">NP_001094286</a> , <a href="#">NP_004261</a>
UniProt:	<a href="#">O43513</a>
Pathways:	<a href="#">Stem Cell Maintenance</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

**Image 1.** MED7 Antibody (Center) (ABIN655901 and ABIN2845301) flow cytometric analysis of Hela cells (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.** MED7 Antibody (Center) (ABIN655901 and ABIN2845301) western blot analysis in Hela cell line lysates (35 µg/lane).This demonstrates the MED7 antibody detected the MED7 protein (arrow).