

Datasheet for ABIN2780584
anti-MED7 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	MED7
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Dog, Rabbit, Cow, Guinea Pig, Horse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED7 antibody is un-conjugated
Application:	Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)

Product Details

Sequence:	LASLPDDLPH SEAGMRVKTE PMDADDSNNC TGQNEHQREN SGHRRDQIIE
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 86%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against MED7. It was validated on Western Blot.
Purification:	Affinity Purified

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.

Alias Symbols: CRSP33, CRSP9, MGC12284, ARC34

Protein Interaction Partner: HAUS1, CDK8, CDK19, MED13, MED19, MED26, EPAS1, MED6, UBE2I, UL48, SUMO2, UBC, CTD1P1, MED10, MED25, MED15, MED14, VDR, SREBF1, RELA, PARP1, ZSCAN1, TRIM15, RHOXF2, PCBD2, MED31, TRIM29, RBFOX2, IKBKG, LZTR1, PML, MED9, MED8, HGS, MED1, HNF4A, ESR2, ESR1,

Protein Size: 233

Molecular Weight: 27 kDa

Gene ID: 9443

NCBI Accession: [NM_004270](#), [NP_004261](#)

UniProt: [O43513](#)

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

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 233 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

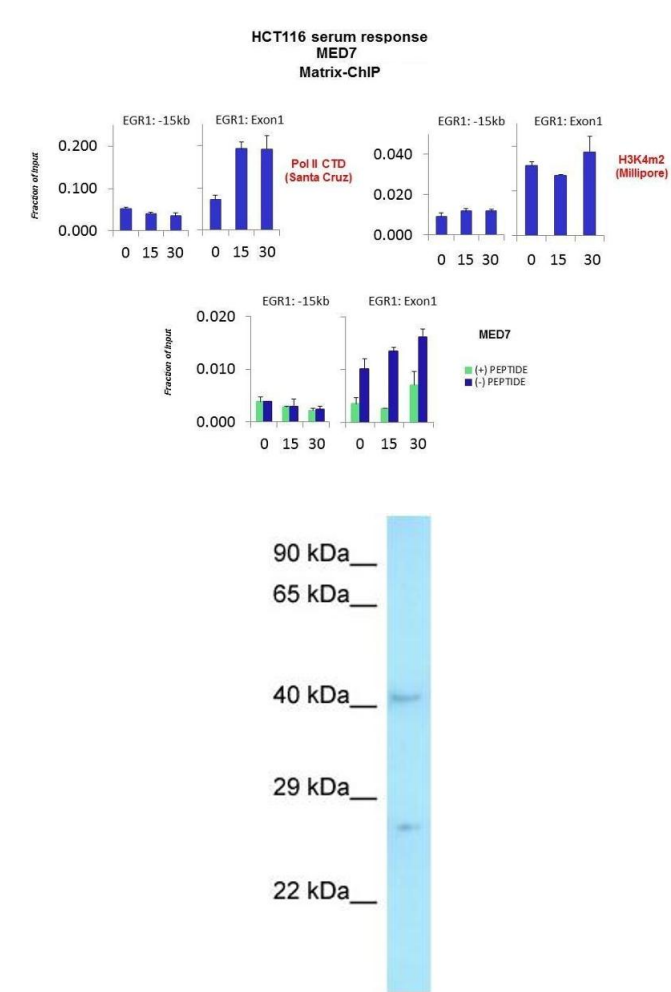
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Chromatin Immunoprecipitation

Image 1. Quiescent human colon carcinoma HCT116 cultures were treated with 10 % FBS for three time points (0, 15, 30min) or (0, 30, 60min) were used in Matrix-ChIP and real-time PCR assays at EGR1 gene (Exon1) and 15kb upstream site.

Western Blotting

Image 2. WB Suggested Anti-MED7 Antibody Titration: 1.0 ug/ml Positive Control: Fetal Thymus