

Product datasheet for **TA344438**

MED14 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MED14 antibody: synthetic peptide directed towards the middle region of human MED14. Synthetic peptide located within the following region: AADREDSPAMALLLQQFKENIQDLVFRTKTGKQTRTNAKRKLSDDPCPVE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	160 kDa
Gene Name:	mediator complex subunit 14
Database Link:	NP_004220 Entrez Gene 9282 Human O60244



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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. This protein contains a bipartite nuclear localization signal. This gene is known to escape chromosome X-inactivation.

Synonyms:

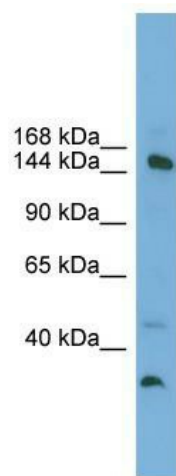
CRSP2; CRSP150; CSRP; CXorf4; DRIP150; EXLM1; RGR1; TRAP170

Note:

Immunogen Sequence Homology: Human: 100%; Rabbit: 86%; Mouse: 79%

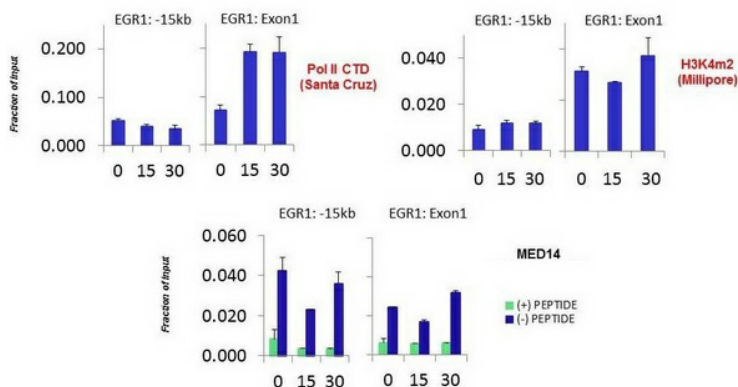
Protein Families:

Druggable Genome, Transcription Factors

Product images:


WB Suggested Anti-MED14 Antibody Titration: 0.2-1 ug/ml; Positive Control: A549 cell lysate
MED14 is strongly supported by BioGPS gene expression data to be expressed in Human A549 cells

**HCT116 serum response
MED14
Matrix-ChIP**



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.