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Datasheet for ABIN2787568 anti-MED14 antibody (Middle Region)

2 Images



Overview

Quantity:	100 μL
Target:	MED14
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED14 antibody is un-conjugated
Application:	Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MED14
Sequence:	AADREDSPAM ALLLQQFKEN IQDLVFRTKT GKQTRTNAKR KLSDDPCPVE
Predicted Reactivity:	Human: 100%, Mouse: 79%, Rabbit: 86%
Characteristics:	This is a rabbit polyclonal antibody against MED14. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MED14
Alternative Name:	MED14 (MED14 Products)
Background:	The activation of gene transcription is a multistep process that is triggered by factors that

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	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.
	Alias Symbols: CRSP150, CRSP2, CSRP, CXorf4, DRIP150, EXLM1, MGC104513, RGR1,
	TRAP170
	Protein Interaction Partner: UBC, HECW2, CDK8, CDK19, MED12, ESR1, MED19, MED26, PPARG,
	FBXW7, EPAS1, MED11, MED8, MED29, MED18, MED4, PPP6R1, MED16, MED13, MED24,
	MED27, MED17, MED21, MED1, CTDP1, SREBF1, DCTN1, ACTN2, ACTN1, MED10, UACA,
	NECAB2, MED25, MED15, CRSP5, MED7, MED23, VD
	Protein Size: 1454
Molecular Weight:	160 kDa
Gene ID:	9282
NCBI Accession:	NM_004229, NP_004220

UniProt:	060244
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Nuclear Hormone Receptor Binding,
	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: 1454 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.

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Handling

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 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



Western Blotting

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

Western Blotting

Image 2. WB Suggested Anti-MED14 Antibody Titration: 0.2-1 ug/ml

Positive Control: A549 cell lysate

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