

Datasheet for ABIN2778099
anti-MED27 antibody (Middle Region)

5 Images

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Overview

Quantity:	100 µL
Target:	MED27
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Cow, Rat, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED27 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MED27
Sequence:	LSRPNGTSAM LLVTLGKVLK VIVVMRSLFI DRTIVKGYNE NVYTEDGKLD
Predicted Reactivity:	Cow: 100%, Dog: 85%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Rabbit: 85%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MED27. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MED27
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Target Details

Alternative Name: MED27 ([MED27 Products](#))

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. MED27 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. 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.

Alias Symbols: CRAP34, CRSP34, CRSP8, MGC11274, TRAP37

Protein Interaction Partner: UBC, CDK19, CDK8, MED19, ARFGAP1, MED26, SOX5, POLR2C, RBPJ, AFP, FBXW7, EPAS1, MED4, MED12, MED14, MED1, MED28, OBFC1, MED18, ZC3H13, QKI, TRIP4, TADA2A, MED9, MED30, MED8, MED22, MED10, MED29,

Protein Size: 311

Molecular Weight: 35 kDa

Gene ID: 9442

NCBI Accession: [NM_004269](#), [NP_004260](#)

UniProt: [Q6P2C8](#)

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

Application Details

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

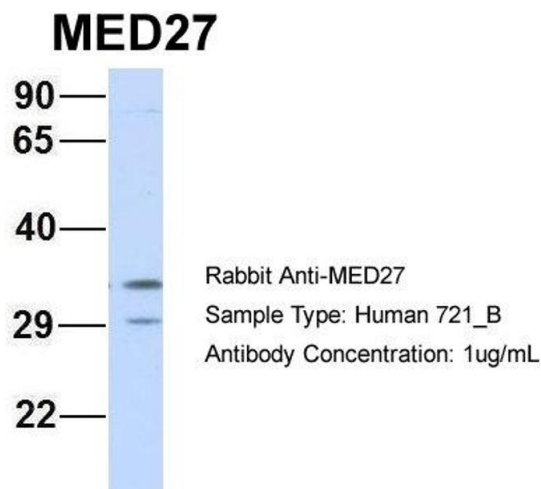
Comment: Antigen size: 311 AA

Restrictions: For Research Use only

Handling

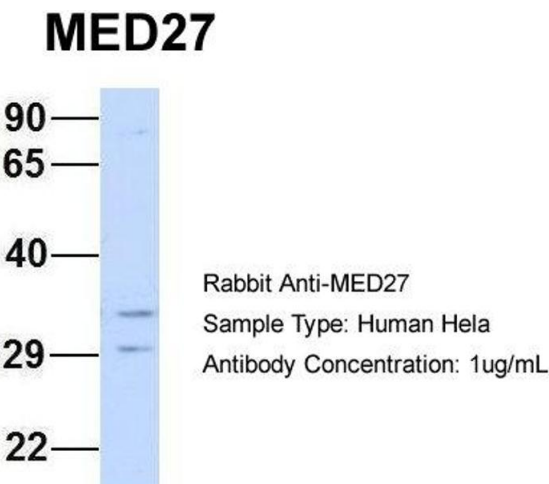
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained 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



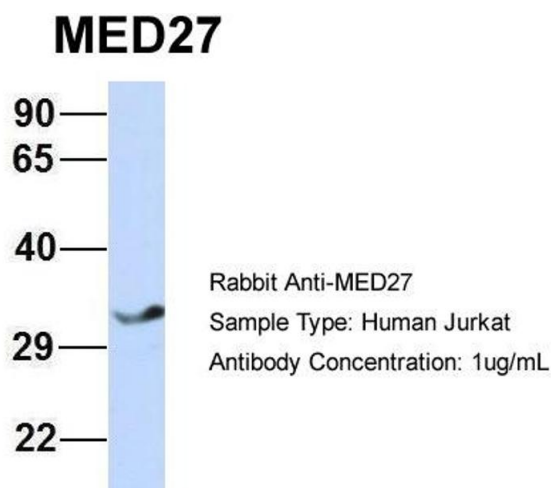
Western Blotting

Image 1. Host: Rabbit Target Name: MED27 Sample Type: 721_B Antibody Dilution: 1.0ug/ml MED27 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



Western Blotting

Image 2. Host: Rabbit Target Name: MED27 Sample Type: HeLa Antibody Dilution: 1.0ug/ml MED27 is strongly supported by BioGPS gene expression data to be expressed in HeLa



Western Blotting

Image 3. Host: Rabbit Target Name: MED27 Sample Type: Jurkat Antibody Dilution: 1.0ug/ml MED27 is strongly supported by BioGPS gene expression data to be expressed in Jurkat

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2778099.