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Datasheet for ABIN5519033 anti-MED13 antibody (AA 61-240)

Image



Overview

Quantity:	100 µg
Target:	MED13
Binding Specificity:	AA 61-240
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED13 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Rabbit IgG polyclonal antibody for MED13 detection. Tested with WB, Direct ELISA in Human,Mouse.
Immunogen:	E. coli-derived huamn MED13 recombinant protein (Position: L61-Y240).
lsotype:	lgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for MED13 detection. Tested with WB, Direct ELISA in Human,Mouse. Gene Name: mediator complex subunit 13 Protein Name: Mediator of RNA polymerase II transcription subunit 13
Purification:	Immunogen affinity purified.

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Target Details	
Target:	MED13
Alternative Name:	MED13 (MED13 Products)
Background:	Mediator complex subunit 13 is a protein that in humans is encoded by the MED13 gene. This
	gene encodes a component of the mediator complex (also known as TRAP, SMCC, DRIP, or
	ARC), a transcriptional coactivator complex thought to be required for the expression of almost
	all genes. The mediator complex is recruited by transcriptional activators or nuclear receptors
	to induce gene expression, possibly by interacting with RNA polymerase II and promoting the
	formation of a transcriptional pre-initiation complex. The product of this gene is proposed to
	form a sub-complex with MED12, cyclin C, and CDK8 that can negatively regulate
	transactivation by mediator.
	Synonyms: Mediator of RNA polymerase II transcription subunit 13, Activator-recruited cofactor
	250 kDa component, ARC250, Mediator complex subunit 13, Thyroid hormone receptor-
	associated protein 1, Thyroid hormone receptor-associated protein complex 240 kDa
	component, Trap240, Vitamin D3 receptor-interacting protein complex component DRIP250,
	DRIP250, MED13, ARC250, KIAA0593, THRAP1, TRAP240
Gene ID:	9969
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Nuclear Hormone Receptor Binding,
	Regulation of Lipid Metabolism by PPARalpha
Application Details	
Application Notes:	Notes: Tested Species: Species with positive results.
	Other applications have not been tested. Optimal dilutions should be determined by end users.
Comment:	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (ABIN921124) for
	Western blot.

Restrictions: For Research Use only

Handling

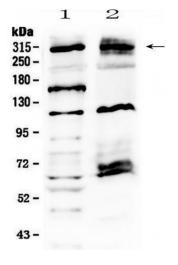
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 μ g/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.

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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:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot analysis of MED13 using anti-MED13 antibody. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each Lane was loaded with 50ug of sample under reducing conditions. Lane 1: human U2OS whole cell lysates, Lane 2: human MCF-7 whole cell lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-MED13 antigen affinity purified polyclonal antibody (Catalog #) at 0.5 ug/mL overnight at 4â, f, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for MED13 at approximately 300KD. The expected band size for MED13 is at 239KD.

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