

Datasheet for ABIN5519030
anti-MED6 antibody (AA 40-246)



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1 Image

Overview

Quantity:	100 µg
Target:	MED6
Binding Specificity:	AA 40-246
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-MED6 Antibody Picoband®
Immunogen:	E. coli-derived human MED6 recombinant protein (Position: F40-Q246).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-MED6 Antibody Picoband® (ABIN5519030). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	MED6
Alternative Name:	MED6 (MED6 Products)
Background:	Synonyms: Mediator of RNA polymerase II transcription subunit 6, Activator-recruited cofactor 33 kDa component, ARC33, Mediator complex subunit 6, hMed6, Renal carcinoma antigen NY-REN-28, MED6, ARC33 Background: Mediator of RNA polymerase II transcription subunit 6 is one of the subunits of the Mediator complex. It is an enzyme that in humans is encoded by the MED6 gene. This family of proteins represent the transcriptional mediator protein subunit 6 that is required for activation of many RNA polymerase II promoters and which are conserved from yeast to humans.
Molecular Weight:	32 kDa
Gene ID:	10001
UniProt:	O75586
Pathways:	Stem Cell Maintenance , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Western blot, 0.1-0.5 µg/mL ELISA, 0.1-0.5 µg/mL 1. Jiang YW, Veschambre P, Erdjument-Bromage H, Tempst P, Conaway JW, Conaway RC, Kornberg RD (Aug 1998). "Mammalian mediator of transcriptional regulation and its possible role as an end-point of signal transduction pathways". ProcNatlAcadSci U S A. 95 (15): 8538-8543. 2. Lee YC, Min S, Gim BS, Kim YJ (August 1997). "A transcriptional mediator protein that is required for activation of many RNA polymerase II promoters and is conserved from yeast to humans". Mol. Cell. Biol. 17 (8): 4622-32.
Comment:	We recommend Enhanced Chemiluminescent Kit with anti-Rabbit IgG (ABIN921124) for Western blot.
Restrictions:	For Research Use only

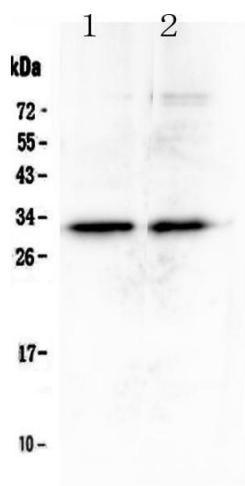
Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of MED6 using anti-MED6 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 A431 whole cell lysates, Lane 2: human U2OS 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-MED6 antigen affinity purified polyclonal antibody (Catalog #) at 0.5 µg/mL overnight at 4°C, 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 MED6 at approximately 32KD. The expected band size for MED6 is at 28KD.