

Datasheet for ABIN500270
anti-MED4 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	MED4
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	MED4 antibody was raised against a 17 amino acid peptide from near the carboxy terminus of human MED4.
Isotype:	IgG
Specificity:	This antibody detects MED4. It only recognizes the largest isoform.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	MED4
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Target Details

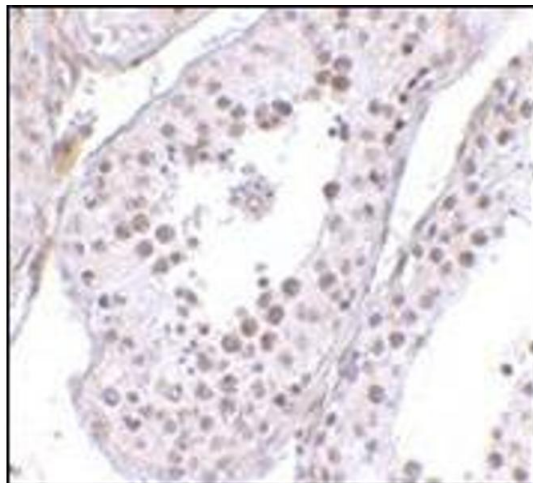
Alternative Name:	MED4 (MED4 Products)
Background:	<p>The mediator complex is a multi-protein transcriptional co-activator that is expressed ubiquitously in eukaryotes from yeast to mammals and is required for induction of RNA polymerase II (pol II) transcription by DNA binding transcription factor. One of the proteins in this complex is MED4. This protein has also been shown to be part of the vitamin D receptor interacting complex. MED4 was recently identified as an HIV dependency factor (HDF), suggesting that MED4 may be an important drug target in HIV treatment. At least three isoforms of MED4 are known to exist. Synonyms: ARC36, Activator-recruited cofactor 36 kDa component, DRIP36, HSPC126, Mediator complex 4, Mediator of RNA polymerase II transcription subunit 4, TRAP/SMCC/PC2 subunit p36 subunit, VDRIP, Vitamin D3 receptor-interacting protein complex 36 kDa component</p>
Gene ID:	29079
NCBI Accession:	NP_054885
UniProt:	Q9NPJ6
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Nuclear Hormone Receptor Binding , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	<p>ELISA. Western blot: 0.5 - 1 µg/mL. Immunohistochemistry on paraffin sections.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

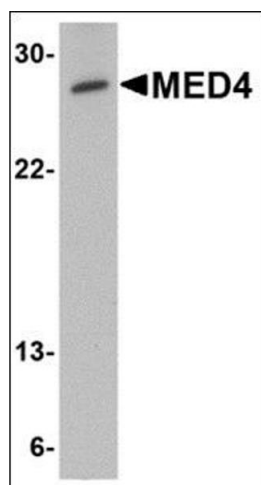
Handling

Buffer:	PBS containing 0.02 % sodium azide
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of MED4 in human testis tissue with this product at 10 µg/ml.



Western Blotting

Image 2. Western blot analysis of MED4 in human testis tissue lysate with this product at 0.5 µg/ml.