

Datasheet for ABIN2776418  
**anti-MED21 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	MED21
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED21 antibody is un-conjugated
Application:	Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)

## Product Details

Sequence:	FCNAIGVLQQ CGPPASFSNI QTAINKDQPA NPTEEYAQLF AALIARTAKD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against Med21. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	MED21
Alternative Name:	Med21 ( <a href="#">MED21 Products</a> )
Background:	Med21 is a component of the Mediator complex, a coactivator involved in the regulated

## Target Details

transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors.

Alias Symbols: 0610007L03Rik, AI449604, D19234, D6Ertd782e, Srb7, Surb7

Protein Interaction Partner: Med21, Med6, Aagab, Med7, Mcrs1, Pik3ca, Ltb, Brd2, Nfe2,

Protein Size: 144

Molecular Weight: 15 kDa

Gene ID: 108098

NCBI Accession: [NM\\_025315](#), [NP\\_079591](#)

UniProt: [Q9CQ39](#)

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: 144 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

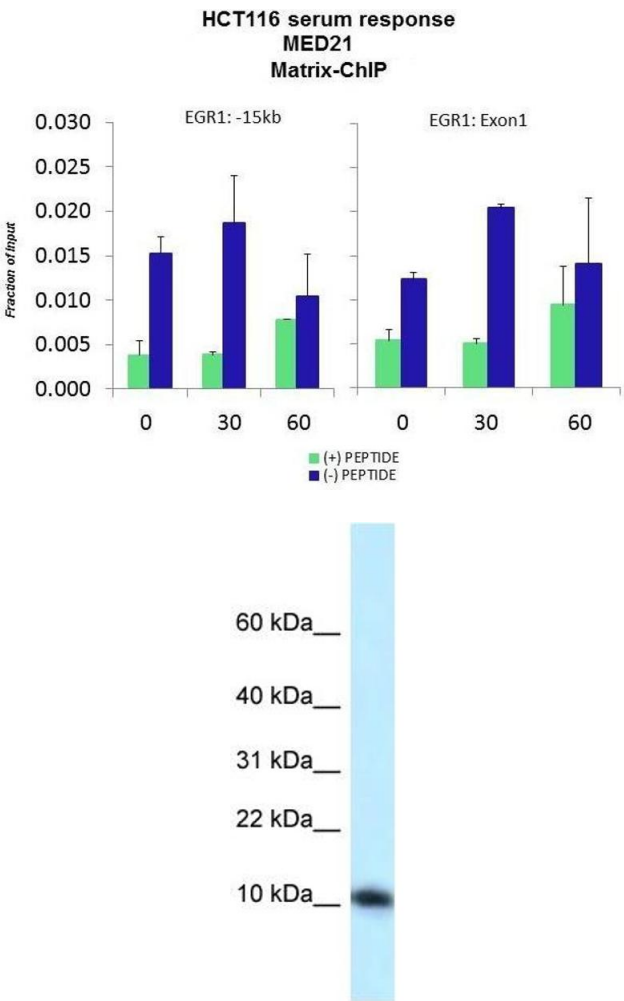
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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.



Chromatin Immunoprecipitation

**Image 1.** Quiescent human colon carcinoma HCT116 cultures were treated with 10% FBS for three time points (0, 15, 30min) or (0, 30, 60min) were used in Matrix-ChIP and real-time PCR assays at EGR1 gene (Exon1) and 15kb upstream site.

Western Blotting

**Image 2.** WB Suggested Anti-Med21 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Liver