



Datasheet for ABIN2780233
anti-MED21 antibody (Middle Region)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	MED21
Binding Specificity:	Middle Region
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)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MED21
Sequence:	DSLPSSEESTA ALQAASLYKL EEENHEAATC LEDVVYRGDM LLEKIQSALA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against MED21. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MED21
---------	-------

Target Details

Alternative Name:	MED21 (MED21 Products)
Background:	<p>MED21 belongs to the Mediator complex subunit 21 family. It is the component of the Mediator complex, a coactivator involved in the regulated 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.</p> <p>Alias Symbols: SRB7, SURB7</p> <p>Protein Interaction Partner: MAGEB4, SSC5D, ZNF655, BLOC1S6, MED21, CDK8, MED19, MED26, UBC, HTT, FBXW7, MED11, MED8, MED28, MED29, MED18, MED4, MED16, MED6, MED13, MED12, MED24, MED17, MED14, MED22, MED1, ELAVL1, VAV2, SKP1, THRA, THRB, MED10, TP53, SREBF1, ZC3H13, ZSCAN1, PCBD2, TA</p> <p>Protein Size: 144</p>
Molecular Weight:	15 kDa
Gene ID:	9412
NCBI Accession:	NM_004264 , NP_004255
UniProt:	Q13503
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

Handling

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. WB Suggested Anti-MED21 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human brain