

Datasheet for ABIN7159108
anti-MED15 antibody (AA 433-530)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	MED15
Binding Specificity:	AA 433-530
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED15 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Mediator of RNA polymerase II transcription subunit 15 protein (433-530AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MED15
Alternative Name:	MED15 (MED15 Products)
Background:	Background: 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. Required for cholesterol-dependent gene regulation. Positively regulates the Nodal signaling pathway.

Aliases: MED15 antibody, ARC105 antibody, CTG7A antibody, PCQAP antibody, TIG1 antibody, TNRC7 antibody, Mediator of RNA polymerase II transcription subunit 15 antibody, Activator-recruited cofactor 105 kDa component antibody, ARC105 antibody, CTG repeat protein 7a antibody, Mediator complex subunit 15 antibody, Positive cofactor 2 glutamine/Q-rich-associated protein antibody, PC2 glutamine/Q-rich-associated protein antibody, TPA-inducible gene 1 protein antibody, TIG-1 antibody, Trinucleotide repeat-containing gene 7 protein antibody

UniProt: [Q96RN5](#)

Pathways: [Stem Cell Maintenance](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

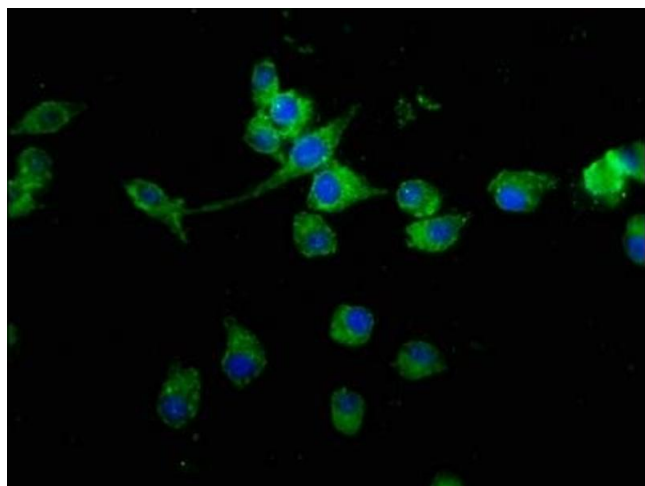
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

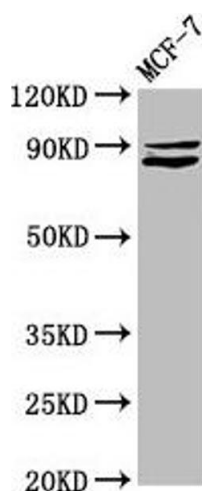
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of SH-SY5Y cells with ABIN7159108 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: MCF-7 whole cell lysate All lanes: MED15 antibody at 5.2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 87, 83, 76 kDa Observed band size: 87 kDa