Datasheet for ABIN7296650

anti-MED1 antibody (Center)

3 Images

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Overview

Quantity:	100 µL
Target:	MED1
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TRAP220.
Specificity:	Recognizes endogenous levels of TRAP220 protein.
Characteristics:	Rabbit polyclonal antibody to TRAP220
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	MED1
Alternative Name:	TRAP220 (MED1 Products)

Target Details

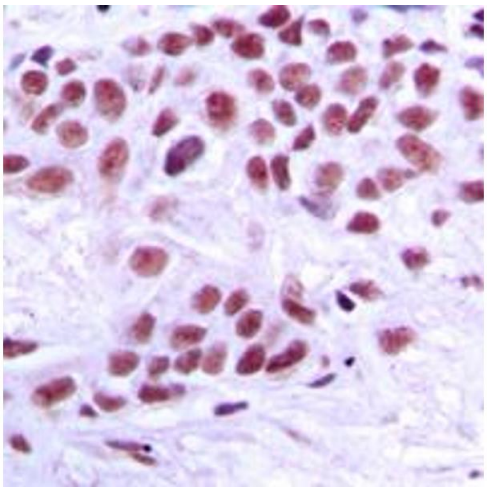
Background:	ARC205, CRSP1, CRSP200, DRIP205, DRIP230, PBP, PPARBP, PPARGBP, RB18A, TRAP220, TRIP2, Mediator of RNA polymerase II transcription subunit 1, Activator-recruited cofactor 205 kDa component, ARC205, Mediator complex subunit 1, Peroxisome proliferator-activated receptor-binding protein, PBP, PPAR-binding protein, Thyroid hormone receptor-associated protein complex 220 kDa component, Trap220, Thyroid receptor-interacting protein 2, TR-interacting protein 2, TRIP-2, Vitamin D receptor-interacting protein complex component DRIP205, p53 regulatory protein RB18A
Gene ID:	5469, 19014
UniProt:	Q15648, Q925J9
Pathways:	Nuclear Receptor Transcription Pathway, Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Nuclear Hormone Receptor Binding, Chromatin Binding, Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

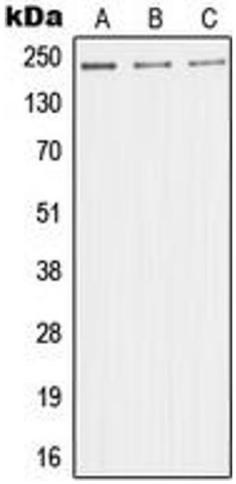
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



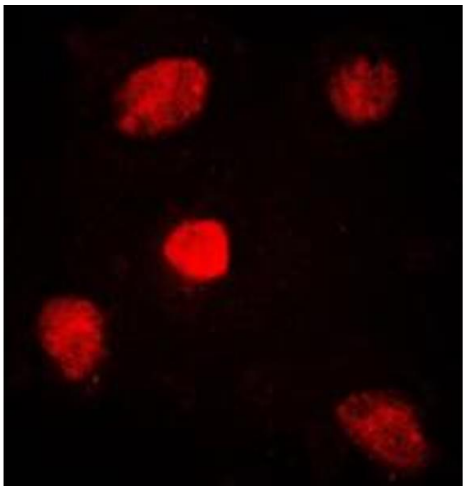
Immunohistochemistry

Image 1. Immunohistochemical analysis of TRAP220 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of TRAP220 expression in HeLa (A), HuvEc (B), Jurkat (C) whole cell lysates.



Immunofluorescence

Image 3. Immunofluorescent analysis of TRAP220 staining in HuvEc cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

