

## Catalog #: 50576

### Aliases

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

### Background

Gene Name: MED1

NCBI Gene Entry: [5469](#)

UniProt Entry: [Q15648](#)

### Application Information

Molecular Weight: Predicted, 168 kDa; observed, 220 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, monkey

Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

### Immunogen

A synthesized peptide derived from human TRAP220

### Isotype

Rabbit IgG

### Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:100-1:200

---

#### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

#### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)

Immunocytochemistry (IC): 1:100-1:500

**Note:** This product is for research use only.

## Validation Data

---

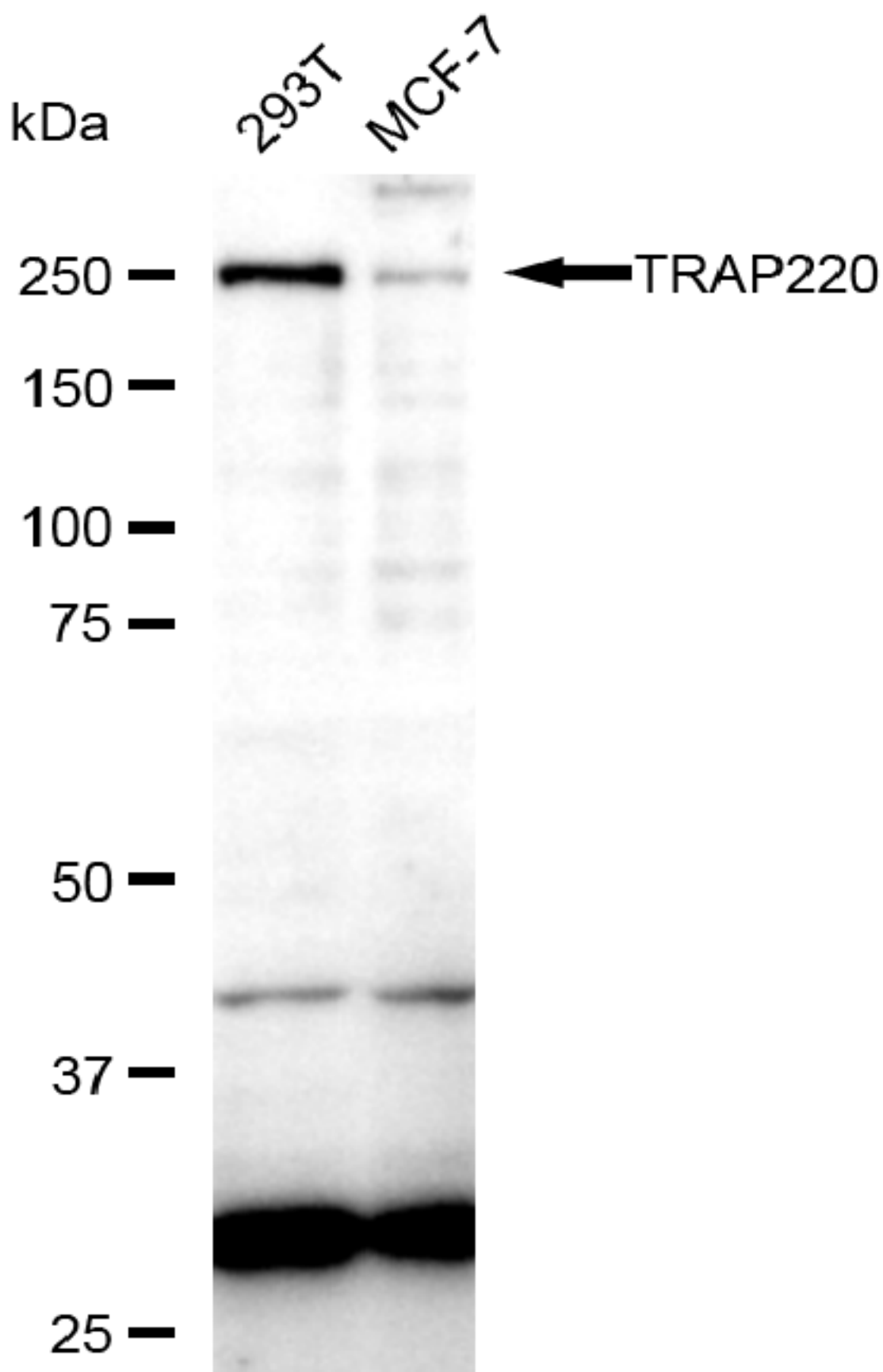
### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)



Copyright ©2025 Genuin Biotechnologies LLC

**SUPPORT**

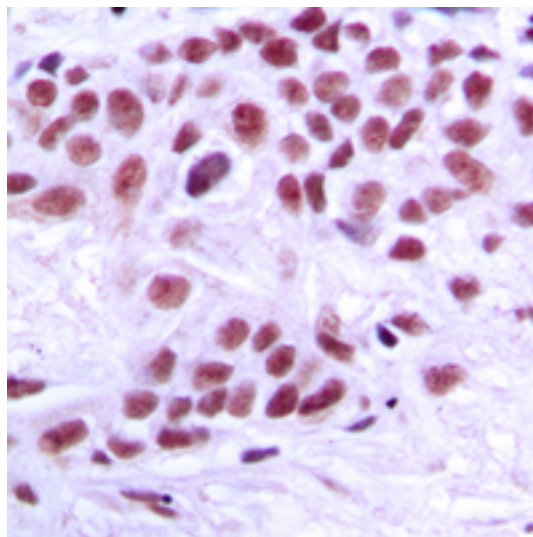
SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

**ORDERS**

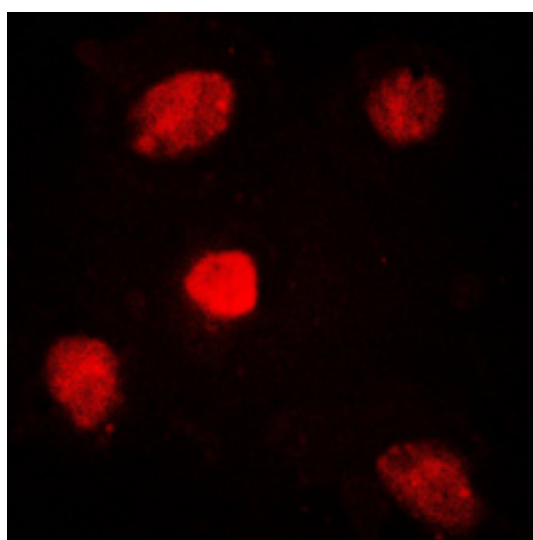
SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)

Western blotting analysis using anti-TRAP220 antibody (Cat#50576). Total lysates (30 µg) were loaded and separated by SDS-PAGE. The blot was incubated with anti-TRAP220 antibody (Cat#50576, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



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.



Immunocytochemical 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.