

# Product Datasheet

## TRAP220/MED1 Antibody - BSA Free NB100-2574

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 4

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**NB100-2574**

TRAP220/MED1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

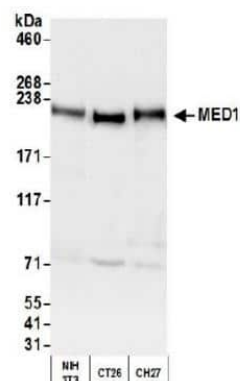
Product Description	
Host	Rabbit
Gene ID	5469
Gene Symbol	MED1
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1525 and the C-terminus (residue 1581) of human Cofactor Required for Sp1 Transcriptional Activation 1 using the numbering given in entry NP_004765.2 (GeneID 5469).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:2000 -1:10000, Immunohistochemistry 1:1000 - 1:5000, Immunoprecipitation 2 -10 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000 - 1:5000, Knockdown Validated
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Knockdown validation (PMID: 31695025).

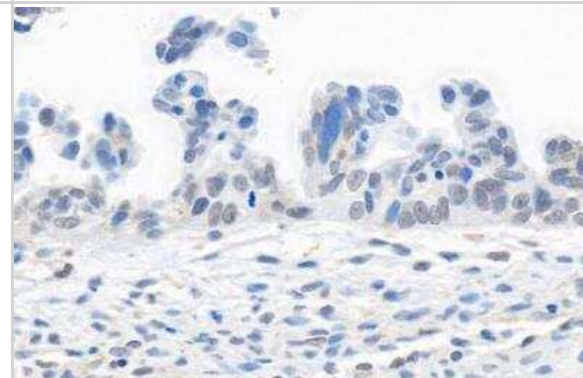


## Images

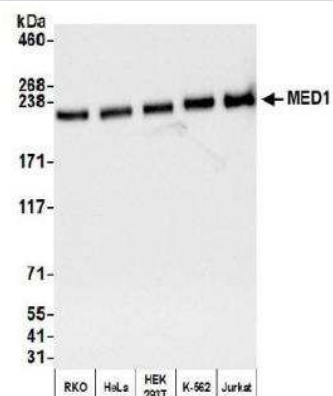
Western Blot: TRAP220/MED1 Antibody [NB100-2574] - Whole cell lysate (50 ug) from NIH 3T3, CT26, and CH27 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MED1 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



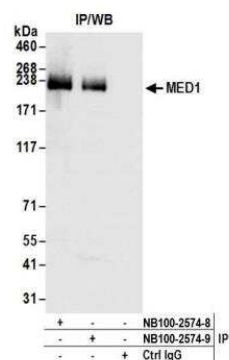
Immunohistochemistry-Paraffin: TRAP220/MED1 Antibody [NB100-2574] - Section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-MED1 antibody used at 1:5000 (0.2ug/ml). Secondary: HRP-conjugated goat anti-rabbit IgG



Western Blot: TRAP220/MED1 Antibody [NB100-2574] - Whole cell lysate (10 ug) from RKO, HeLa, HEK293T, K-562, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MED1 antibody used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



Immunoprecipitation: TRAP220/MED1 Antibody [NB100-2574] - Detection of human MED1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MED1 antibody NB100-2574 (lot NB100-2574-9) used for IP at 6 ug per reaction. For blotting immunoprecipitated MED1, NB100-2574 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 30 seconds.



## Publications

Weng Y, Feng Y, Li Z et al. Zfp260 choreographs the early stage osteo-lineage commitment of skeletal stem cells Nat Commun 2024-11-24 [PMID: 39582024]

Edwin RK, Acharya LP, Maity SK et al. TGS1/PIMT knockdown reduces lipid accumulation in adipocytes, limits body weight gain and promotes insulin sensitivity in mice Biochimica et biophysica acta. Molecular basis of disease 2023-09-24 [PMID: 37751782] (ChIP, Mouse)

Kurosaki T, Mitsutomi S, Hewko A et al. Integrative omics indicate FMRP sequesters mRNA from translation and deadenylation in human neuronal cells Molecular cell 2022-11-01 [PMID: 36356584]

BrUckmann NH, Bennedsen SN, Duijf PHG et al. A functional genetic screen identifies the Mediator complex as essential for SSX2-induced senescence Cell Death Dis 2019-11-06 [PMID: 31695025] (KD, IF/IHC, Human)





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### **Products Related to NB100-2574**

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NB800-PC1	HeLa Whole Cell Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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