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Anti-RPAP3 Antibody

Catalog # AP51848

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q9H6T3
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75719

Additional Information

Gene ID	79657
Other Names	RNA polymerase II-associated protein 3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RPAP3. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

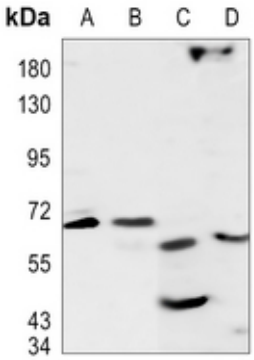
Protein Information

Name	RPAP3
Function	Forms an interface between the RNA polymerase II enzyme and chaperone/scaffolding protein, suggesting that it is required to connect RNA polymerase II to regulators of protein complex formation.

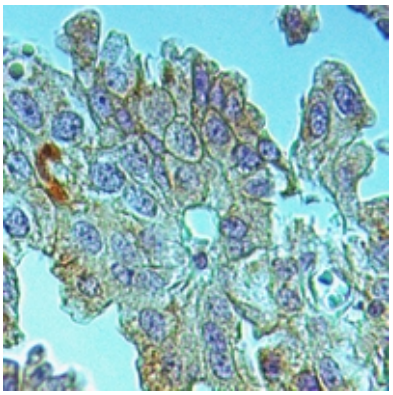
References

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Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).

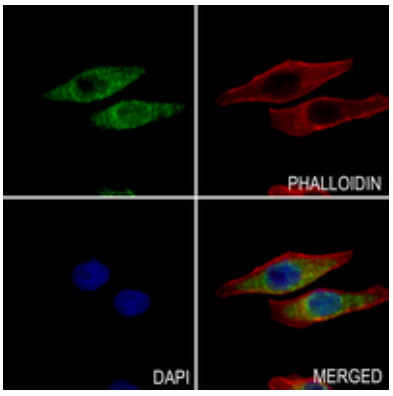
Images



Western blot analysis of RPAP3 expression in HEK293T (A), A549 (B), rat kidney (C), rat muscle (D) whole cell lysates. (Predicted band size: 75; 71; 57 kD; Observed band size: 71; 57 kD)



Immunohistochemical analysis of RPAP3 staining in human lung 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.



Immunofluorescent analysis of RPAP3 staining in MCF7 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 hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.