

**Anti-MED9 Antibody**

Catalog #	Source	Reactivity	Applications
CPA3066	Rabbit	H, M, R, Mk	WB, IF/IC
<b>Description</b>	Rabbit polyclonal antibody to MED9		
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MED9. The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of MED9 protein.		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/1000), IF/IC (1/50 - 1/200)		
<b>Gene Symbol</b>	MED9		
<b>Alternative Names</b>	MED25; Mediator of RNA polymerase II transcription subunit 9; Mediator complex subunit 9		
<b>Entrez Gene</b>	55090 (Human); 192191 (Mouse)		
<b>SwissProt</b>	Q9NWA0 (Human); Q8VCS6 (Mouse)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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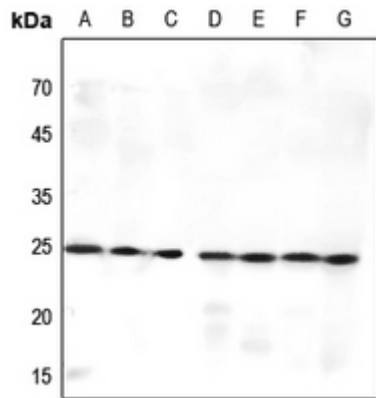
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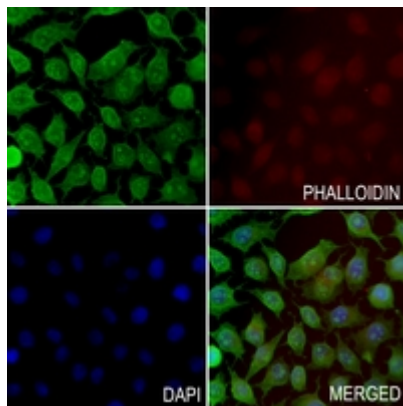
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## Product Data Sheet



Western blot analysis of MED9 expression in HEK293T (A), HeLa (B), H446 (C), mouse testis (D), mouse kidney (E), rat testis (F), rat kidney (G) whole cell lysates. (Predicted band size: 16 kD; Observed band size: 25 kD)



Immunofluorescent analysis of MED9 staining in A549 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 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).

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