

Recombinant Anti-RPL10A Rabbit mAb

Catalog #	Source	Reactivity	Applications
CMA4045	Rabbit	H, M, R	WB, IH, IF/IC
Description	Recombinant rabbit monoclonal antibody to RPL10A		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human RPL10A. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of RPL10A protein		
Clonality	Monoclonal		
Conjugation			
Form	Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200)		
Gene Symbol	RPL10A		
Alternative Names	NEDD6; 60S ribosomal protein L10a; CSA-19; Neural precursor cell expressed developmentally down-regulated protein 6; NEDD-6		
Entrez Gene	4736 (Human); 81729 (Rat)		
SwissProt	P62906 (Human); P53026 (Mouse); P62907 (Rat)		
Storage/Stability	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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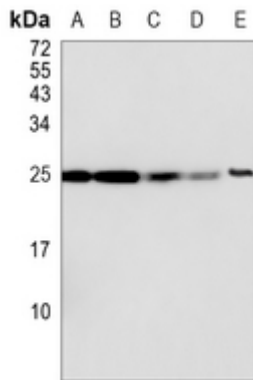
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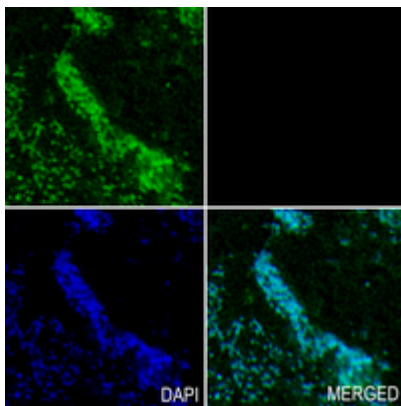
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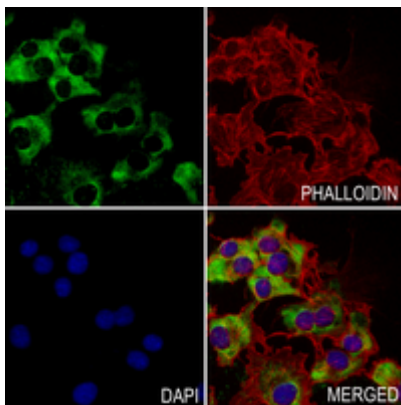
Product Data Sheet



Western blot analysis of RPL10A expression in HEK293T (A), THP1 (B), HeLa (C), mouse liver (D), rat liver (E) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 25 kD)



Immunohistochemical analysis of RPL10A staining in rat liver 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. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).



Immunofluorescent analysis of RPL10A staining in COS7 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 an 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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