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Anti-RPL10 Antibody

Catalog # AP51481

Product Information

Application	WB, IF/IC
Primary Accession	P27635
Reactivity	Human, Mouse, Rat, Pig, Chicken, Bovine, Sheep, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24577

Additional Information

Gene ID	6134
Other Names	DXS648E; QM; 60S ribosomal protein L10; Laminin receptor homolog; Protein QM; Tumor suppressor QM
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human RPL10. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 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

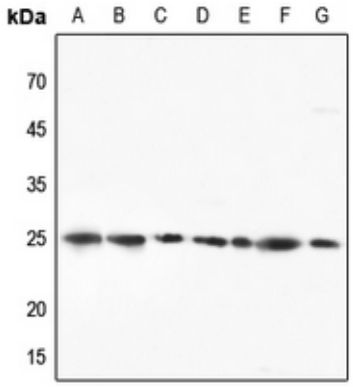
Name	RPL10 (HGNC:10298)
Synonyms	DXS648E, QM
Function	Component of the large ribosomal subunit (PubMed: 26290468). Plays a role in the formation of actively translating ribosomes (PubMed:26290468). May play a role in the embryonic brain development (PubMed:25316788).
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:Q6ZWV3}.

References

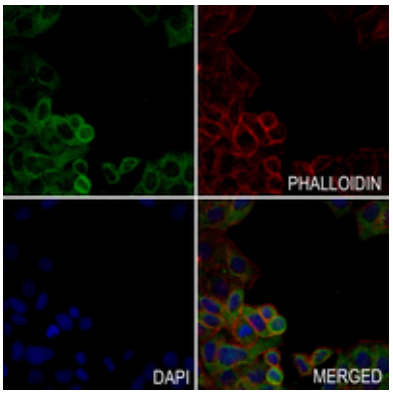
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Images



Western blot analysis of RPL10 expression in HEK293T (A), Hela (B), H1688 (C), mouse kidney (D), mouse testis (E), rat kidney (F), rat testis (G) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 25 kD)



Immunofluorescent analysis of RPL10 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).

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