

Anti-MRPL49 Antibody

Catalog #	Source	Reactivity	Applications
CPA4738	Rabbit	H, R, Mk	WB, IH
Description	Rabbit polyclonal antibody to MRPL49		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MRPL49. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of MRPL49 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200)		
Gene Symbol	MRPL49		
Alternative Names	C11orf4; NOF1; 39S ribosomal protein L49 mitochondrial; L49mt; MRP-L49; Neighbor of FAU; NOF; Protein NOF1		
Entrez Gene	740 (Human)		
SwissProt	Q13405 (Human)		
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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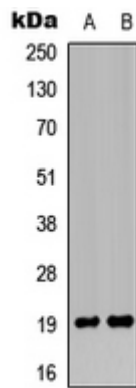
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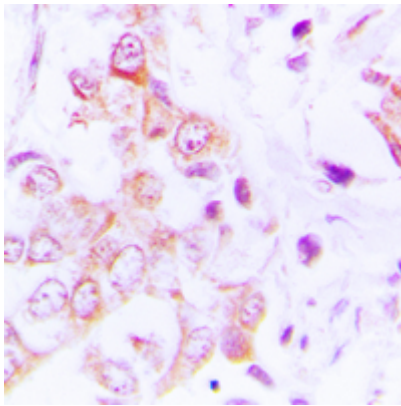
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Product Data Sheet



Western blot analysis of MRPL49 expression in Jurkat (A), rat heart (B) whole cell lysates. (Predicted band size: 19 kD; Observed band size: 19 kD)



Immunohistochemical analysis of MRPL49 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.

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