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Product Data Sheet

Anti-MRPL16 Antibody

Catalog #	Source	Reactivity	Applications
CPA3418	Rabbit	H, Mk, P	WB, IH

Description	Rabbit polyclonal antibody to MRPL16
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MRPL16. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of MRPL16 protein.
Clonality	Polyclonal
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	MRPL16
Alternative Names	39S ribosomal protein L16, mitochondrial; L16mt; MRP-L16
Entrez Gene	54948 (Human); 94063 (Mouse); 293754 (Rat)
SwissProt	Q9NX20 (Human); Q99N93 (Mouse); Q5M818 (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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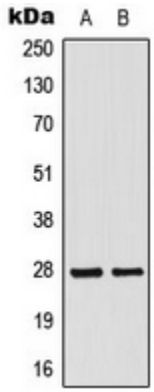
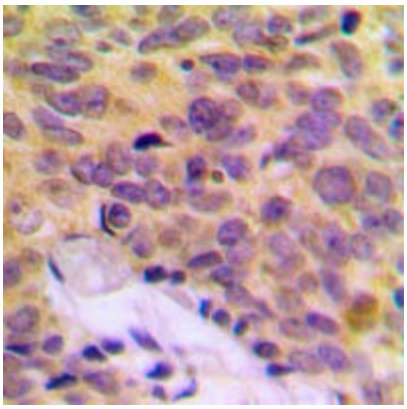


Western blot analysis of MRPL16 expression in HepG2 (A), HeLa (B) whole cell lysates.



Immunohistochemical analysis of MRPL16 staining in human breast 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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