

Product Data Sheet

Anti-MRPS25 Antibody

Catalog # Source Reactivity Applications

CPA4740 Rabbit H, M, R WB, IH

Description Rabbit polyclonal antibody to MRPS25

Immunogen KLH-conjugated synthetic peptide encompassing a sequence within the C-term

region of human MRPS25. The exact sequence is proprietary.

Purification The antibody was purified by immunogen affinity chromatography.

Specificity Recognizes endogenous levels of MRPS25 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 (1/50 - 1/100)

Gene Symbol MRPS25

Alternative Names RPMS25; 28S ribosomal protein S25 mitochondrial; MRP-S25; S25mt

Entrez Gene 64432 (Human); 64658 (Mouse); 297459 (Rat)

SwissProt P82663 (Human); Q9D125 (Mouse); Q4QR80 (Rat)

Storage/Stability Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid

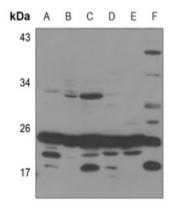
freeze/thaw cycles.

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

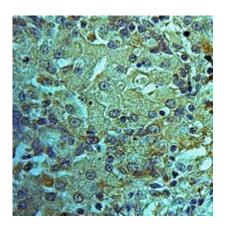
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Western blot analysis of MRPS25 expression in mouse kidney (A), mouse lung (B), mouse liver (C), rat kidney (D), rat spleen (E), rat liver (F) whole cell lysates. (Predicted band size: 20 kD; Observed band size: 23 kD)



Immunohistochemical analysis of MRPS25 staining in human prostate 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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