

Product Data Sheet

Anti-LRRC41 Antibody

| Catalog # | Source | Reactivity | Applications |
|--------------------------|---|------------|--------------|
| CPA7216 | Rabbit | H, M, R, B | WB, IH |
| Description | Rabbit polyclonal antibody to LRRC41 | | |
| Immunogen | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human LRRC41. The exact sequence is proprietary. | | |
| Purification | The antibody was purified by immunogen affinity chromatography. | | |
| Specificity | Recognizes endogenous levels of LRRC41 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 | LRRC41 | | |
| Alternative Names | MUF1; Leucine-rich repeat-containing protein 41; Protein Muf1 | | |
| Entrez Gene | 10489 (Human); 230654 (Mouse); 362566 (Rat) | | |
| SwissProt | Q15345 (Human); Q8K1C9 (Mouse); Q5M9H1 (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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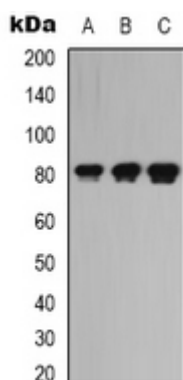
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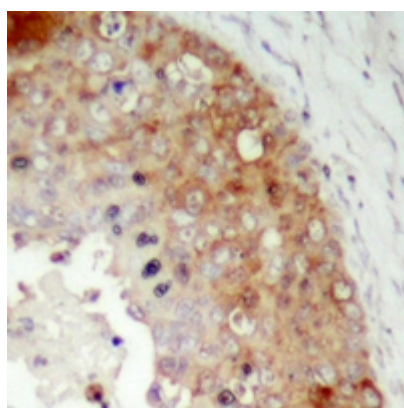
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Western blot analysis of LRRC41 expression in K562 (A), rat kidney (B), rat heart (C) whole cell lysates. (Predicted band size: 88 kD; Observed band size: 80 kD)



Immunohistochemical analysis of LRRC41 staining in human prostate 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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