

Anti-USP51 Antibody

| Catalog # | Source | Reactivity | Applications |
|--------------------------|--|------------|--------------|
| CPA6348 | Rabbit | H | WB, IH |
| Description | Rabbit polyclonal antibody to USP51 | | |
| Immunogen | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human USP51. The exact sequence is proprietary. | | |
| Purification | The antibody was purified by immunogen affinity chromatography. | | |
| Specificity | Recognizes endogenous levels of USP51 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 - 1/200) | | |
| Gene Symbol | USP51 | | |
| Alternative Names | Ubiquitin carboxyl-terminal hydrolase 51; Deubiquitinating enzyme 51; Ubiquitin thioesterase 51; Ubiquitin-specific-processing protease 51 | | |
| Entrez Gene | 158880 (Human) | | |
| SwissProt | Q70EK9 (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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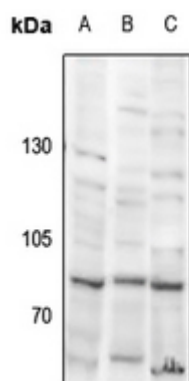
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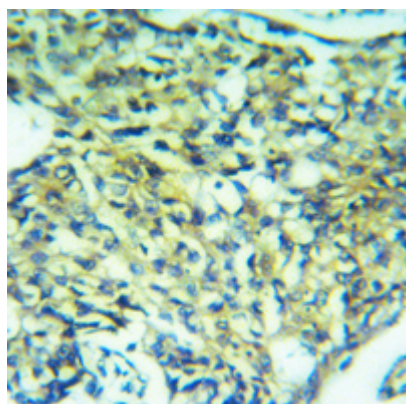
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Product Data Sheet



Western blot analysis of USP51 expression in CT26 (A), A549 (B), EC9706 (C) whole cell lysates. (Predicted band size: 79 kDa; Observed band size: 79 kDa)



Immunohistochemical analysis of USP51 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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