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Product Data Sheet

Anti-USP48 Antibody

Catalog #	Source	Reactivity	Applications
CPA7231	Rabbit	H, M, R, C	WB, IH

Description	Rabbit polyclonal antibody to USP48
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human USP48. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of USP48 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	USP48
Alternative Names	USP31; Ubiquitin carboxyl-terminal hydrolase 48; Deubiquitinating enzyme 48; Ubiquitin thioesterase 48; Ubiquitin-specific-processing protease 48
Entrez Gene	84196 (Human); 170707 (Mouse); 362636 (Rat)
SwissProt	Q86UV5 (Human); Q3V0C5 (Mouse); Q76LT8 (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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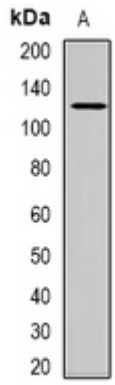
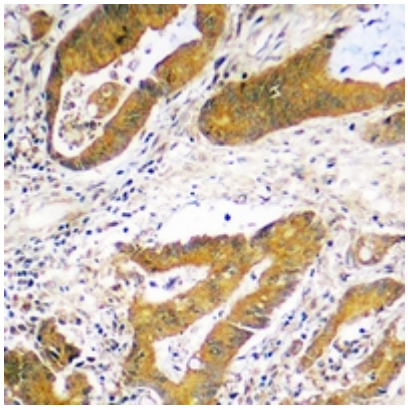


Western blot analysis of USP48 expression in rat muscle (A) whole cell lysates. (Predicted band size: 119 kD; Observed band size: 119 kD)



Immunohistochemical analysis of USP48 staining in human colon 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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