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Product Data Sheet

Anti-BUB1 Antibody

Catalog #	Source	Reactivity	Applications
CQA2773	Rabbit	H, M	WB, IH

Description	Rabbit polyclonal antibody to BUB1
Immunogen	Recombinant full length protein of human BUB1
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of BUB1 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 - 1/2000), IH (1/50 - 1/200)
Gene Symbol	BUB1
Alternative Names	BUB1L; Mitotic checkpoint serine/threonine-protein kinase BUB1; hBUB1; BUB1A
Entrez Gene	699 (Human); 12235 (Mouse)
SwissProt	O43683 (Human); O08901 (Mouse)
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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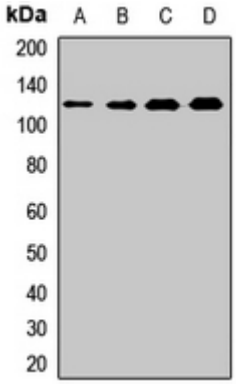
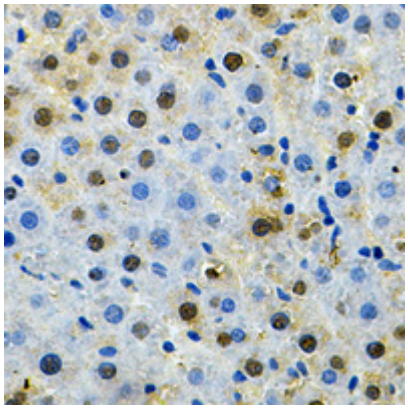


Western blot analysis of BUB1 expression in HepG2 (A), MCF7 (B), Hela (C), mouse testis (D) whole cell lysates. (Predicted band size: 115; 120; 122 kD; Observed band size: 133 kD)



Immunohistochemical analysis of BUB1 staining in rat liver 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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