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Product Data Sheet

Anti-UBC9 Antibody

Catalog #	Source	Reactivity	Applications
CQA8216	Rabbit	H, M, R	WB, IH, IF/IC, IP

Description	Rabbit monoclonal antibody to UBC9
Immunogen	A synthetic peptide of human UBE2I/UBC9
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of UBC9 protein.
Clonality	Monoclonal
Conjugation	
Form	Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100), IF/IC (1/50 - 1/100), IP (1/10 - 1/50)
Gene Symbol	UBE2I
Alternative Names	UBC9; UBCE9; SUMO-conjugating enzyme UBC9; SUMO-protein ligase; Ubiquitin carrier protein 9; Ubiquitin carrier protein I; Ubiquitin-conjugating enzyme E2 I; Ubiquitin-protein ligase I; p18
Entrez Gene	7329 (Human); 102641751, 22196 (Mouse); 25573 (Rat)
SwissProt	P63279 (Human); P63280 (Mouse); P63281 (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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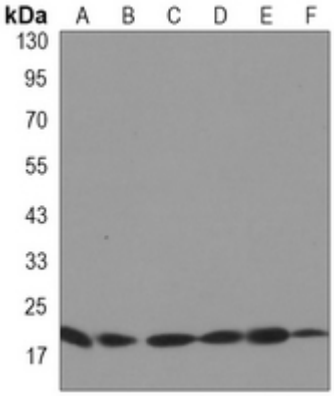
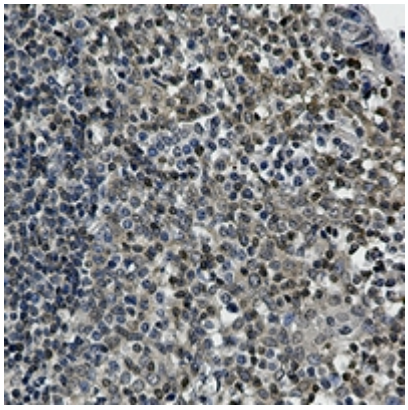
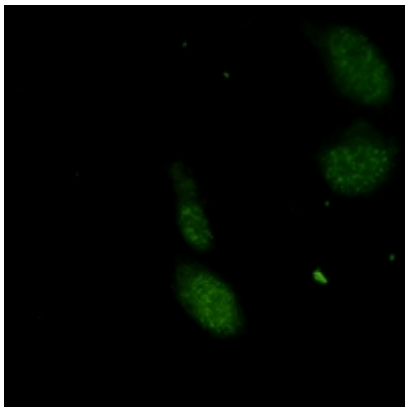


Western blot analysis of UBC9 expression in Hela (A), A549 (B), HL60 (C), NIH3T3 (D), PC12 (E), MEF (F) whole cell lysates. (Predicted band size: 18 kD; Observed band size: 18 kD)



Immunohistochemical analysis of UBC9 staining in human tonsil 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.



Immunofluorescent analysis of UBC9 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

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