

Product Data Sheet

Anti-RING1b Antibody

Catalog #	Source	Reactivity	Applications
CQA1238	Rabbit	H, M, R	WB, IH, IF/IC, IP, ChIP
Description	Rabbit polyclonal antibody to RING1b		
Immunogen	Recombinant full length protein of human RING1b		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of RING1b 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), IF/IC (1/50 - 1/200), IP (1/50 - 1/200), ChIP (1/20 - 1/100)		
Gene Symbol	RNF2		
Alternative Names	BAP1; DING; HIP13; RING1B; E3 ubiquitin-protein ligase RING2; Huntingtin-interacting protein 2-interacting protein 3; HIP2-interacting protein 3; Protein DinG; RING finger protein 1B; RING1b; RING finger protein 2; RING finger protein BAP-1		
Entrez Gene	6045 (Human); 19821 (Mouse); 304850 (Rat)		
SwissProt	Q99496 (Human); Q9CQJ4 (Mouse); Q4KLY4 (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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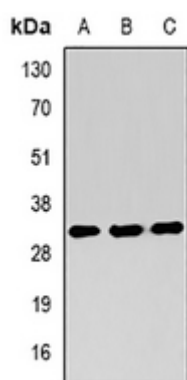
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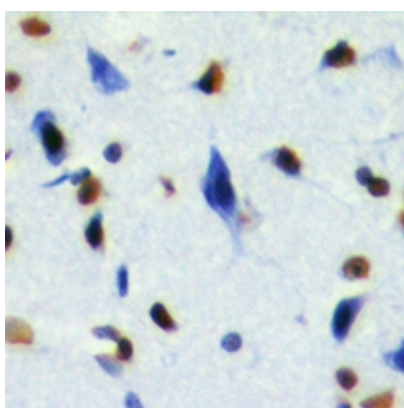
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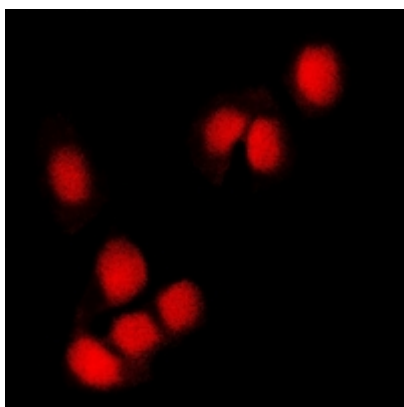
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Western blot analysis of RING1b expression in Jurkat (A), SHSY5Y (B), mouse testis (C) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 30 kD)



Immunohistochemical analysis of RING1b staining in mouse brain 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 RING1b staining in U2OS 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 humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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