

Anti-Reptin 52 Antibody

Catalog #	Source	Reactivity	Applications
CQA1090	Rabbit	H, M	WB, IH, IF/IC
Description	Rabbit polyclonal antibody to Reptin 52		
Immunogen	Recombinant full length protein of human Reptin 52		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Reptin 52 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)		
Gene Symbol	RUVBL2		
Alternative Names	INO80J; TIP48; TIP49B; RuvB-like 2; 48 kDa TATA box-binding protein-interacting protein; 48 kDa TBP-interacting protein; 51 kDa erythrocyte cytosolic protein; ECP-51; INO80 complex subunit J; Repressing pontin 52; Reptin 52; TIP49b; TIP60-associated protein 54-beta; TAP54-beta		
Entrez Gene	10856 (Human); 20174 (Mouse)		
SwissProt	Q9Y230 (Human); Q9WTM5 (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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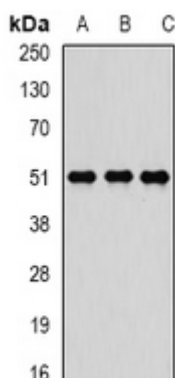
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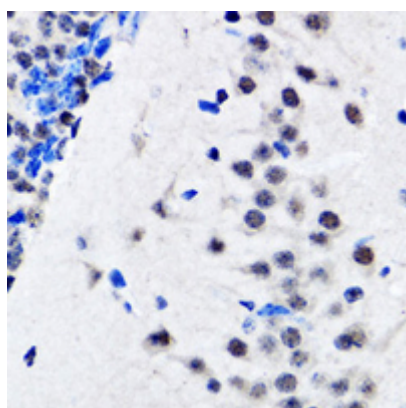
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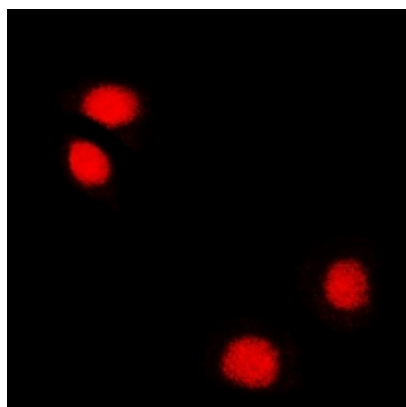
Product Data Sheet



Western blot analysis of Reptin 52 expression in K562 (A), SW480 (B), MCF7 (C) whole cell lysates. (Predicted band size: 46; 51 kD; Observed band size: 50 kD)



Immunohistochemical analysis of Reptin 52 staining in rat 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 Reptin 52 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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