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Product Data Sheet

Anti-EXOSC2 Antibody

Catalog #	Source	Reactivity	Applications
CQA2504	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to EXOSC2
Immunogen	Recombinant full length protein of human EXOSC2
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of EXOSC2 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), IF/IC (1/50 - 1/200)
Gene Symbol	EXOSC2
Alternative Names	RRP4; Exosome complex component RRP4; Exosome component 2; Ribosomal RNA-processing protein 4
Entrez Gene	23404 (Human); 227715 (Mouse)
SwissProt	Q13868 (Human); Q8VBV3 (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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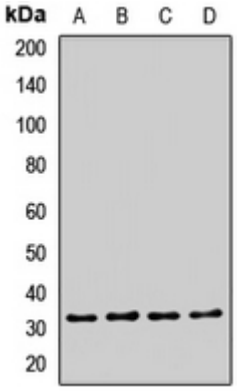
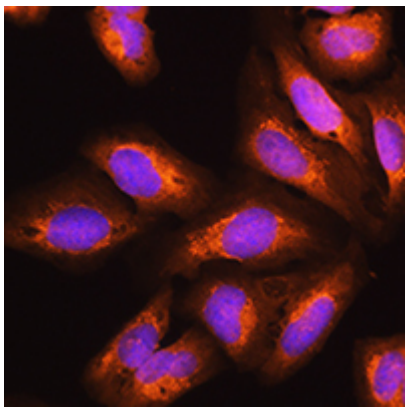


Western blot analysis of EXOSC2 expression in A549 (A), Hela (B), mouse spleen (C), rat liver (D) whole cell lysates. (Predicted band size: 29; 30; 32 kD; Observed band size: 33 kD)



Immunofluorescent analysis of EXOSC2 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 AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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