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Product Data Sheet

Anti-EXT2 Antibody

Catalog #	Source	Reactivity	Applications
CQA2778	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to EXT2
Immunogen	Recombinant full length protein of human EXT2
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of EXT2 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	EXT2
Alternative Names	Exostosin-2; Glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; Multiple exostoses protein 2; Putative tumor suppressor protein EXT2
Entrez Gene	2132 (Human); 14043 (Mouse)
SwissProt	Q93063 (Human); P70428 (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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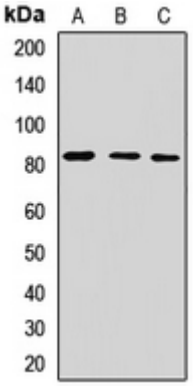
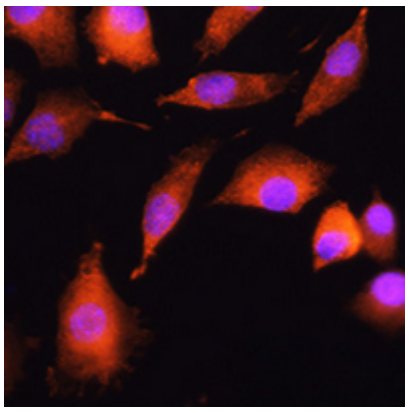


Western blot analysis of EXT2 expression in Hela (A), SKOV3 (B), mouse liver (C) whole cell lysates. (Predicted band size: 82; 83; 85 kD; Observed band size: 82 kD)



Immunofluorescent analysis of EXT2 staining in L929 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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