

Product Data Sheet

Anti-CUX1 Antibody

Catalog #	Source	Reactivity	Applications
CQA4190	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to CUX1		
Immunogen	Recombinant fusion protein of human CUX1. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of CUX1 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	CUX1		
Alternative Names	CUX1; CUTL1; Homeobox protein cut-like 1; CCAAT displacement protein; CDP; Homeobox protein cux-1; CUX1; CUTL1; Protein CASP		
Entrez Gene	1523 (Human); 13047, 13047 (Mouse)		
SwissProt	P39880, Q13948 (Human); P53564, P70403 (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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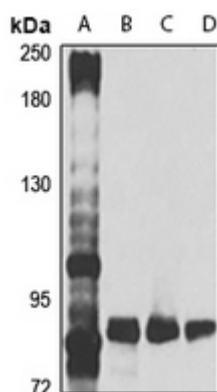
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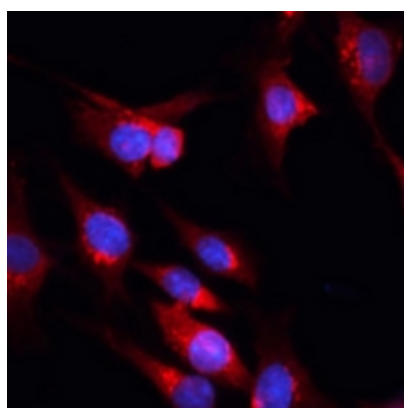
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Western blot analysis of CUX1 expression in MCF7 (A), mouse brain (B), mouse testis (C), rat kidney (D) whole cell lysates. (Predicted band size: 72-77; 147-165 kD; Observed band size: 200; 77 kD)



Immunofluorescent analysis of CUX1 staining in C6 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 Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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