

Product Data Sheet

Anti-KAT7 Antibody

Catalog #	Source	Reactivity	Applications
CPA2534	Rabbit	H, M, R, B, C, D, P, Z	WB, IF/IC
Description	Rabbit polyclonal antibody to KAT7		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human KAT7. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of KAT7 protein.		
Clonality	Polyclonal		
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 - 1/1000), IF/IC (1/100 - 1/500)		
Gene Symbol	KAT7		
Alternative Names	HBO1; HBOa; MYST2; Histone acetyltransferase KAT7; Histone acetyltransferase binding to ORC1; Lysine acetyltransferase 7; MOZ, YBF2/SAS3, SAS2 and TIP60 protein 2; MYST-2		
Entrez Gene	11143 (Human); 217127 (Mouse); 303470 (Rat)		
SwissProt	O95251 (Human); Q5SVQ0 (Mouse); Q810T5 (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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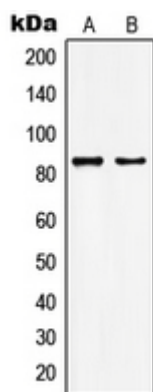
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Western blot analysis of KAT7 expression in HepG2 (A), MCF7 (B) whole cell lysates.



Immunofluorescent analysis of KAT7 staining in MCF7 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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