

KD-Validated Anti-PCAF Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

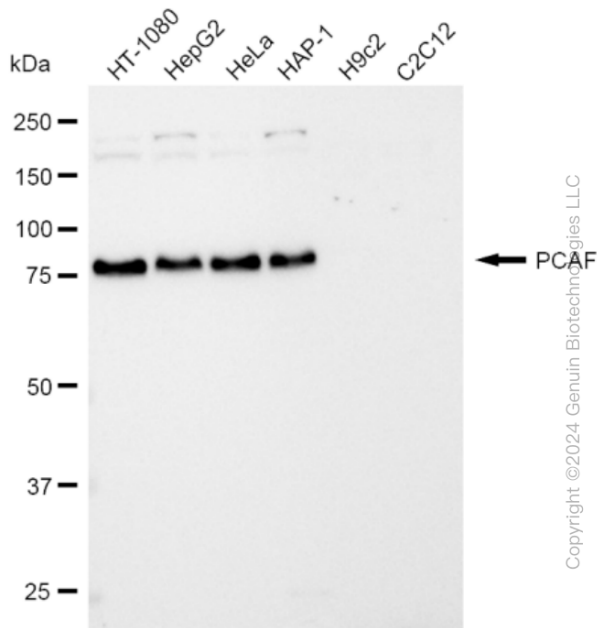
ABG2049

Product Overview

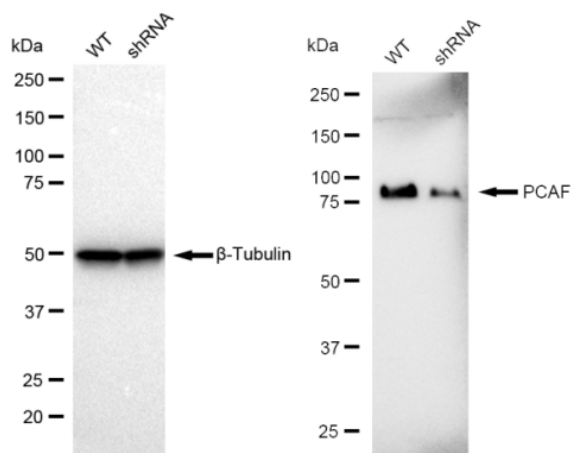
Name	KD-Validated Anti-PCAF Rabbit Monoclonal Antibody
Accession(Primary)	Q92831
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PCAF
Species Reactivity	Human
Calculated MW	Predicted, 93 kDa, observed, 93 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q92831)

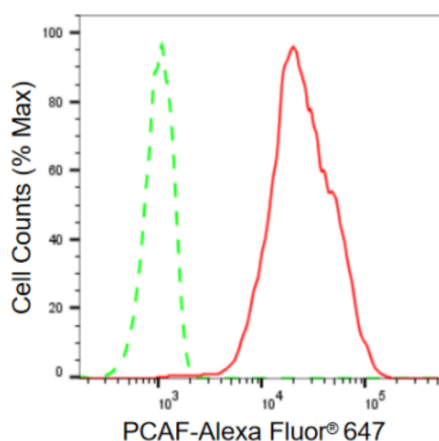
Gene Name	KAT2B
About Gene Symbol	KAT2B (Lysine Acetyltransferase 2B) is a histone acetyltransferase involved in chromatin remodeling and epigenetics. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



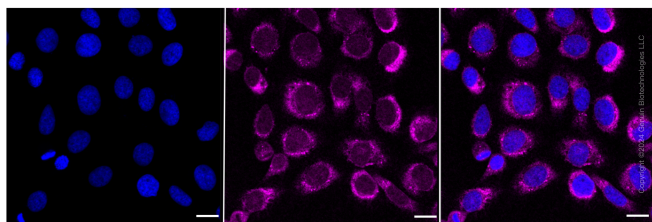
Western blotting analysis using anti-PCAF antibody (Cat#ABG2049). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PCAF antibody (Cat#ABG2049, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-PCAF antibody (Cat#ABG2049). PCAF expression in wild type (WT) and PCAF shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-PCAF antibody (Cat#ABG2049, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of PCAF expression in HT-1080 cells using PCAF antibody (Cat#ABG2049, 1:2,000). Green, isotype control; red, PCAF.



Immunocytochemical staining of HT-1080 cells with PCAF antibody (Cat#ABG2049, 1:1,000).

Nuclei were stained blue with DAPI; PCAF was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.