

Rabbit PCAF Monoclonal Antibody | anti-PCAF antibody

PCAF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312596	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PCAF; Monoclonal Antibody; PCAF Antibody; CAF antibody; CREBBP associated factor antibody; GCN5 antibody; GCN5L antibody; GCN5L1 antibody; Histone acetylase PCAF antibody; Histone acetyltransferase KAT2B antibody; Histone acetyltransferase PCAF antibody; K (lysine) acetyltransferase 2B antibody; KAT2B antibody; KAT2B_HUMAN antibody; Lysine acetyltransferase 2B antibody; P antibody; P/CAF antibody; p300/CBP associated factor antibody; P300/CBP-associated factor antibody; Pcaf antibody; anti-PCAF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JU88-63
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PCAF antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Hela cells with PCAF antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of PCAF on rat kidney tissue (1) and K562 cell (2) lysate using anti-PCAF antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PCAF antibody	In the intact cell, DNA closely associates with histones and other nuclear proteins to form chromatin. The remodeling of chromatin is believed to be a critical component of transcriptional regulation and a major source of this remodeling is brought about by the acetylation of nucleosomal histones. Acetylation of lysine residues in the amino terminal tail domain of histone results in an allosteric change in the nucleosomal conformation and an increased accessibility to transcription factors by DNA. Conversely, the deacetylation of histones is associated with transcriptional silencing. Several mammalian proteins have been identified as nuclear histone acetylases, including GCN5, PCAF (for p300/CBP-associated factor), p300/CBP and the TFIID subunit TAF II p250. Mammalian HDAC1 (also designated HD1) and HDAC2 (also designated mammalian RPD3), both of which are related to the yeast transcriptional regulator Rpd3p, have been identified as histone deacetylases.
Product Categories/Family for anti-PCAF antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	40805843
NCBI GeneID	8850
NCBI Accession #	NP_003875.3
NCBI GenBank Nucleotide #	NM_003884.4
UniProt Accession #	Q92831; Q6NSK1
Molecular Weight	93,013 Da
NCBI Official Full Name	histone acetyltransferase KAT2B
NCBI Official Synonym Full Names	K(lysine) acetyltransferase 2B
NCBI Official Symbol	KAT2B
NCBI Official Synonym Symbols	P; CAF; PCAF; P/CAF
NCBI Protein Information	histone acetyltransferase KAT2B; histone acetylase PCAF; CREBBP-associated factor; p300/CBP-associated factor; lysine acetyltransferase 2B; histone acetyltransferase PCAF
UniProt Protein Name	Histone acetyltransferase KAT2B
UniProt Gene Name	KAT2B
UniProt Synonym Gene Names	PCAF; Histone acetylase PCAF; P/CAF
UniProt Entry Name	KAT2B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pcf-antibody-clone-ju88-63-flow-cytometry-immunoprecipitation-western-blot-elisa/312596>