

KAT2B/PCAF Rabbit mAb

Catalog No.: A22719 **Recombinant** **3 Publications**

Basic Information

Observed MW

100 kDa

Calculated MW

93 kDa

Category

Primary antibody

Applications

WB,IP,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC55963

Background

CBP and p300 are large nuclear proteins that bind to many sequence-specific factors involved in cell growth and/or differentiation, including c-jun and the adenoviral oncoprotein E1A. The protein encoded by this gene associates with p300/CBP. It has in vitro and in vivo binding activity with CBP and p300, and competes with E1A for binding sites in p300/CBP. It has histone acetyl transferase activity with core histones and nucleosome core particles, indicating that this protein plays a direct role in transcriptional regulation.

Recommended Dilutions

WB	1:500 - 1:2000
IP	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells
IHC-P	1:200 - 1:2000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

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	www.abclonal.com.cn

Immunogen Information

Gene ID	Swiss Prot
8850	Q92831

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CAF; PCAF; P/CAF; KAT2B/PCAF

Product Information

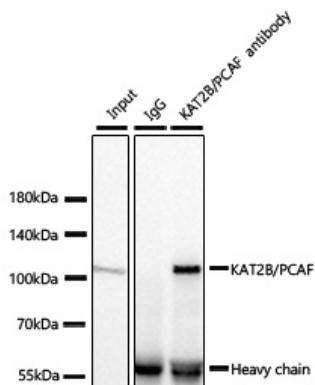
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

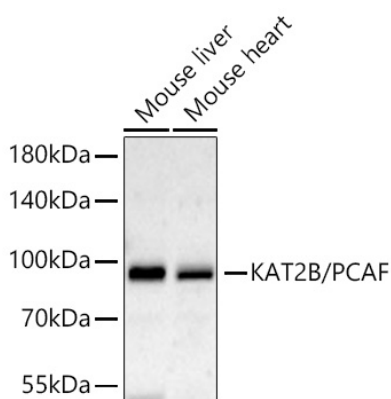
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

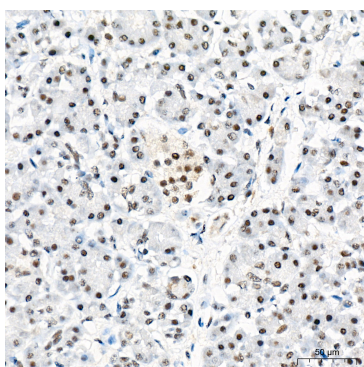
Validation Data



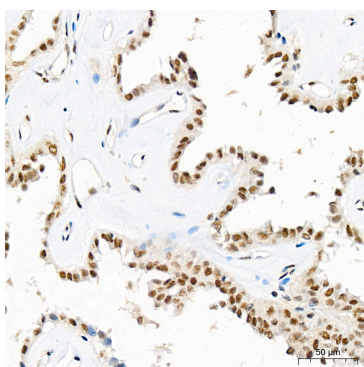
Immunoprecipitation of KAT2B/PCAF from 600 µg extracts of Hep G2 cells was performed using 2 µg of KAT2B/PCAF Rabbit mAb (A22719). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using KAT2B/PCAF Rabbit mAb (A22719) at a dilution of 1:1000.



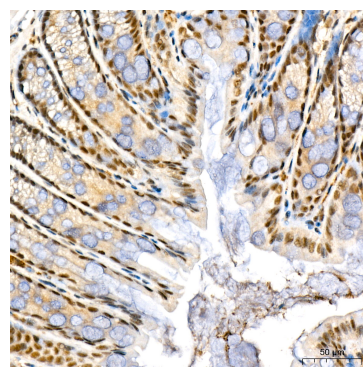
Western blot analysis of various lysates using KAT2B/PCAF Rabbit mAb (A22719) at 1:1000 dilution incubated at room temperature for 1.5 hours.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using KAT2B/PCAF Rabbit mAb (A22719) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

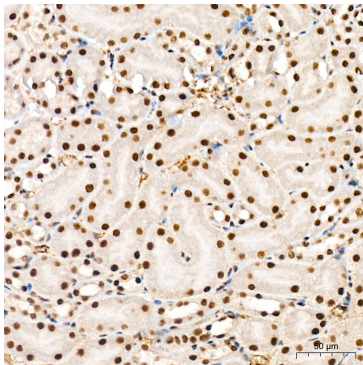


Immunohistochemistry analysis of paraffin-embedded Human thyroid tissue using KAT2B/PCAF Rabbit mAb (A22719) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

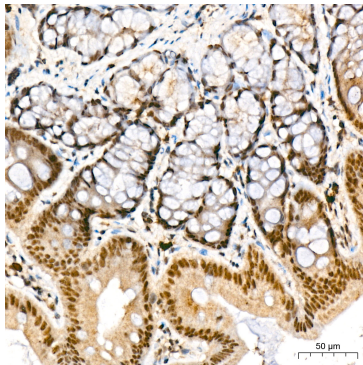


Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using KAT2B/PCAF Rabbit mAb (A22719) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

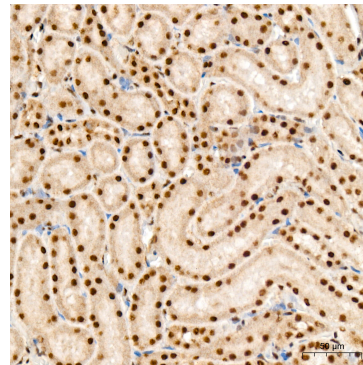
Validation Data



Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using KAT2B/PCAF Rabbit mAb (A22719) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using KAT2B/PCAF Rabbit mAb (A22719) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using KAT2B/PCAF Rabbit mAb (A22719) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.