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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57919_P050-FITC
Product Page	www.avivasysbio.com/pcaf-antibody-c-terminal-region-fitc-arp57919-p050-fitc.html
Name	PCAF Antibody - C-terminal region : FITC (ARP57919_P050-FITC)
Protein Size (# AA)	832 amino acids
Molecular Weight	93kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	8850
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	K(lysine) acetyltransferase 2B
Alias Symbols	CAF, PCAF, P/CAF
Peptide Sequence	Synthetic peptide located within the following region: PGLSCFKDGVROQPIESIPGIRETGWKPSGKEKSKEPRDPDQLYSTLKSI
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Zeng,L., (2008) Structure 16 (4), 643-652
Description of Target	<p>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. PCAF 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.</p> <p>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.</p> <p>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. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-749 AC099057.3 17115-17863 750-876 AC099057.3 49416-49542 877-1022 AC099057.3 72346-72491 1023-1115 AC099057.3 76945-77037 1116-1297 AC099057.3 78370-78551 1298-1489 AC099057.3 88679-88870 1490-1596 AC099057.3 91965-92071 1597-1722 AC099057.3 96681-96806 1723-1859 AC099057.3 99751-99887 1860-2068 AC099057.3 102988-103196 2069-2195 AC099057.3 104506-104632 2196-2306 AC099057.3 114025-114135 2307-2450 AC099057.3 117304-117447 2451-2565 AC099057.3 123399-123513 2566-2602 AC099057.3 125046-125082 2603-2666 AC099057.3 125326-125389 2667-2751 AC099057.3 125486-125570 2752-4824 AC099057.3 129415-131487</p>
Protein Interactions	MDM2; HNRNPD; ACLY; KLF2; E2F1; VHL; IRF1; TAL1; TAF12; TAF10; TAF9; TADA2A; RB1; HIST1H1B; TAF5L; TAF6L; TADA3; SUPT3H; TWIST1; PDK1; AKT1; UBC; SIAH2; UBE2D3; UBE2D1; TP73; TP53; SRC; PGR; YEATS2; MBIP; WDR5; PTEN; DR1; HIF1A; HIST2H3C; CHEK2; HIST1H4A;

Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-KAT2B (ARP57919_P050-FITC) antibody
Blocking Peptide	For anti-KAT2B (ARP57919_P050-FITC) antibody is Catalog# AAP57919 (Previous Catalog# AAPP32330)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PCAF
Uniprot ID	Q92831
Protein Name	Histone acetyltransferase KAT2B
Protein Accession #	NP_003875
Purification	Affinity Purified
Nucleotide Accession #	NM_003884
Gene Symbol	KAT2B
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 79%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 86%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.