

Immunotag™ PCAF Polyclonal Antibody

| Antibody Specification | |
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| Catalog No. | ITT3615 |
| Product Description | Immunotag™ PCAF Polyclonal Antibody |
| Size | 50 µg, 100 µg |
| Conjugation | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647 |
| IMPORTANT NOTE | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein | PCAF |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,IHC-p,ELISA |
| Recommended Dilution | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse,Rat |
| Host Species | Rabbit |
| Immunogen | The antiserum was produced against synthesized peptide derived from human p300/CBP. AA range:783-832 |
| Specificity | PCAF Polyclonal Antibody detects endogenous levels of PCAF protein. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen |
| Form | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Gene Name | KAT2B |
| Accession No. | Q92831 Q9JHD1 |
| Alternate Names | KAT2B; PCAF; Histone acetyltransferase KAT2B; Histone acetyltransferase PCAF; Histone acetylase PCAF; Lysine acetyltransferase 2B; P300/CBP-associated factor; P/CAF |

Antibody Specification

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| Description | lysine acetyltransferase 2B(KAT2B) Homo sapiens 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. [provided by RefSeq, Jul 2008], |
| Cell Pathway/ Category | Protein_Acetylation |
| Subcellular Localization | PCAF complex,kinetochore,nucleus,nucleoplasm,Ada2/Gcn5/Ada3 transcription activator complex,A band,I band,actomyosin, |
| Protein Function | chromatin organization, chromatin remodeling, transcription, regulation of transcription, DNA-dependent, protein amino acid acetylation, N-terminal protein amino acid acetylation, cell cycle, cell cycle arrest, negative regulation of cell proliferation, response to endogenous stimulus, response to hormone stimulus, response to organic substance,chromatin modification, covalent chromatin modification, histone modification, histone acetylation, N-terminal peptidyl-lysine acetylation, peptidyl-lysine modification, peptidyl-lysine acetylation, cell cycle process, N-terminal protein amino acid modification, response to insulin stimulus, cellular response to insulin stimulus, cellular response to hormone stimulus, regulation of cell proliferation, response to peptide hormone stimulus, protein amino acid acylation,regulation of transcription, regulation of RNA metabolic process, chromosome organization, |
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