

bs-5339R**[Primary Antibody]****phospho-EP300 (Ser1834) Rabbit pAb****Bioss**
ANTIBODIES

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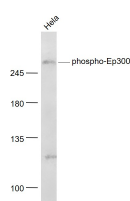
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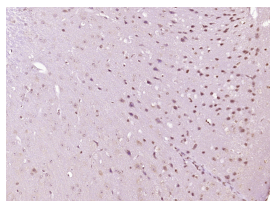
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 2033 Target: EP300 (Ser1834) Immunogen: KLH conjugated Synthesised phosphopeptide derived from human EP300 around the phosphorylation site of Ser1834: MA(p-S)MQ. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: This gene encodes the adenovirus E1A-associated cellular p300 transcriptional co-activator protein. It functions as histone acetyltransferase that regulates transcription via chromatin remodeling and is important in the processes of cell proliferation and differentiation. It mediates cAMP-gene regulation by binding specifically to phosphorylated CREB protein. This gene has also been identified as a co-activator of HIF1A (hypoxia-inducible factor 1 alpha), and thus plays a role in the stimulation of hypoxia-induced genes such as VEGF. Defects in this gene are a cause of Rubinstein-Taybi syndrome and may also play a role in epithelial cancer. [provided by RefSeq, Jul 2008]	Isotype: IgG SWISS: Q09472	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Pig, Cow, Chicken, Dog, GuineaPig, Horse, Danio) Predicted MW.: 266 kDa Subcellular Location: Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Sample: HeLa(Human) Cell Lysate at 30 ug
Primary: Anti- phospho-Ep300 (Ser1834)
(bs-5339R) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 266 kD Observed
band size: 266 kD



Paraformaldehyde-fixed, paraffin embedded
(Mouse brain); Antigen retrieval by boiling in
sodium citrate buffer (pH6.0) for 15min; Block
endogenous peroxidase by 3% hydrogen
peroxide for 20 minutes; Blocking buffer (normal
goat serum) at 37°C for 30min; Antibody
incubation with (phospho-Ep300 (Ser1834))
Polyclonal Antibody, Unconjugated (bs-5339R)
at 1:400 overnight at 4°C, followed by operating
according to SP Kit(Rabbit) (sp-0023)
instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=5.479]** Hu Y et al. Ultrasensitive electrochemiluminescence immunosensor for the transcriptional co-activator p300 by using a graphene oxide monolayer and tetrahedral DNA-mediated signal amplification. Mikrochim Acta. 2019 May

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

2;186(5):325. Other ;. 31049723

- **[IF=3.7]** Berrin Ozdil. et al. Modulating Cancer Stem Cell Characteristics in CD133+ Melanoma Cells through Hif1 α , KLF4, and SHH Silencing. ACS OMEGA. 2025;10(16):16804–16814 FC ;Cricetulus griseus. 40321496
- **[IF=3.491]** Dandan Zheng. et al. Pyruvate Kinase M2 Tetramerization Protects against Hepatic Stellate Cell Activation and Liver Fibrosis. Am J Pathol. 2020 Nov;190:2267 Other ;. 32805235
- **[IF=2.8]** Merve Ozdemir. et al. HDAC9/p300/F-actin immunoexpression and migration analysis for malignant melanoma stem cell. PATHOL RES PRACT. 2023 Oct;250:154829 IF ;Human. 37748211