

bs-2895R**[Primary Antibody]****Bioss**
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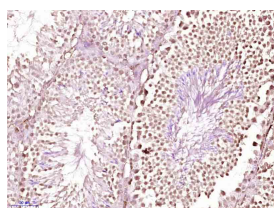
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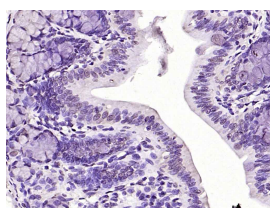
400-901-9800

HDAC1 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 3065	SWISS: Q13547	
Target: HDAC1		Reactivity: Mouse, Rat (predicted: Human, Pig, Sheep, Cow, Dog, GuineaPig)
Immunogen: KLH conjugated synthetic peptide derived from human HDAC1: 401-482/482.		Predicted MW.: 55 kDa
Purification: affinity purified by Protein A		Subcellular Location: Nucleus
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: Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Mouse testis); 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 (HDAC1) Polyclonal Antibody, Unconjugated (bs-2895R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat colon); 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 (HDAC1) Polyclonal Antibody, Unconjugated (bs-2895R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=6.208]** Kaili Cui. et al. Ferulic Acid and P-Coumaric Acid Synergistically Attenuate Non-Alcoholic Fatty Liver Disease through HDAC1/PPARG-Mediated Free Fatty Acid Uptake. INT J MOL SCI. 2022 Jan;23(23):15297 WB ;Human. 36499624
- **[IF=3.1]** Shuai Wang. et al. Colchicine inhibits the proliferation and promotes the apoptosis of papillary thyroid carcinoma cells likely due to the inhibitory effect on HDAC1. BIOCHEM BIOPH RES CO. 2023 Oct;679:129 WB,IF ;Human. 37690423

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