

bs-1813R**[Primary Antibody]****BioSS**
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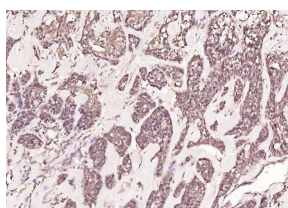
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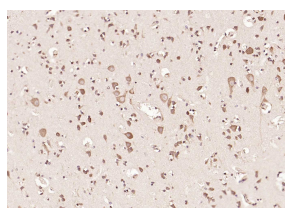
400-901-9800

HDAC2 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: 3066	SWISS: Q92769	
Target: HDAC2		Reactivity: Human, Mouse, Rat (predicted: Pig, Cow, Chicken, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human HDAC2: 391-488/488.		
Purification: affinity purified by Protein A		Predicted MW.: 53 kDa
Concentration: 1mg/ml		Subcellular Location: Nucleus
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 product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants. [provided by RefSeq].		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (human breast carcinoma); 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; Incubation with (HDAC2) Polyclonal Antibody, Unconjugated (bs-1813R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human 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; Incubation with (HDAC2) Polyclonal Antibody, Unconjugated (bs-1813R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=2.1]** Zhenjie Huang. et al. Protective effects of different anti-inflammatory drugs on tracheal stenosis following injury and potential mechanisms. Mol Med Rep. 2021 May;23(5):1-11 WB,IF ;Rabbit. 10.3892/mmr.2021.11953
- **[IF=1.785]** Zhenjie Huang. et al. Expression of histone deacetylase 2 in tracheal stenosis models and its relationship with tracheal granulation tissue proliferation. Exp Ther Med. 2021 May;21(5):1-10 IF ;Rabbit. 33747180