

bs-3073R**[Primary Antibody]****BioSS**
ANTIBODIES

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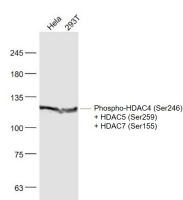
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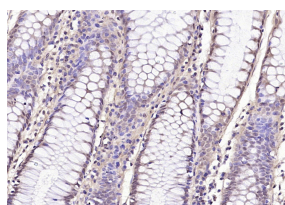
400-901-9800

phospho-HDAC4 (Ser246) + HDAC5 (Ser259) + HDAC7 (Ser155) Rabbit pAb**— DATASHEET —**

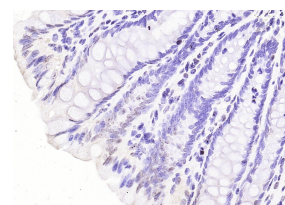
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Cow, Chicken, Horse) Predicted MW.: 119 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 9759	SWISS: P56524	
Target: HDAC4 (Ser246) + HDAC5 (Ser259) + HDAC7 (Ser155)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human HDAC4 around the phosphorylation site of Ser246: TA(p-S)EP.		
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: Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. This protein does not bind DNA directly, but through transcription factors MEF2C and MEF2D. It seems to interact in a multiprotein complex with RbAp48 and HDAC3. [provided by RefSeq, Jul 2008].		

— VALIDATION IMAGES —

Sample: HeLa(Human) Cell Lysate at 30 ug
293T(Human) Cell Lysate at 30 ug
Primary: Anti-Phospho-HDAC4 (Ser246) + HDAC5 (Ser259) + HDAC7 (Ser155)(bs-3073R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 119 kD
Observed band size: 119 kD



Paraformaldehyde-fixed, paraffin embedded (Human colon cancer); 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-HDAC4 (Ser246) + HDAC5 (Ser259) + HDAC7 (Ser155)) Polyclonal Antibody, Unconjugated (bs-3073R) 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 (Mouse 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 (Phospho-HDAC4 (Ser246) + HDAC5 (Ser259) + HDAC7 (Ser155)) Polyclonal Antibody, Unconjugated (bs-3073R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.