

Phospho-HDAC4-S246 + HDAC5-S259 + HDAC9-S220 Rabbit mAb

Catalog No.: AP1394 **Recombinant**

Basic Information

Observed MW

124kDa/140kDa

Calculated MW

57-65kDa/97-122kDa

Category

Primary antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC56536

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]

Recommended Dilutions

WB 1:500 - 1:1000**IHC-P** 1:100 - 1:400

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

9759/10014/9734

Swiss Prot

P56524/Q9UQL6/Q9UKV0

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

HDAC4/HDAC5/HDAC9; Phospho-HDAC4-S246 + HDAC5-S259 + HDAC9-S220

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

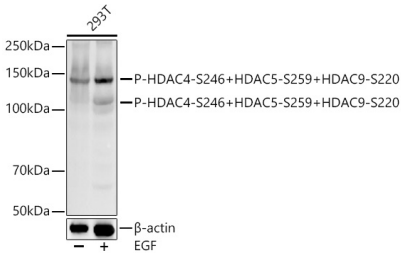
Affinity purification

Storage

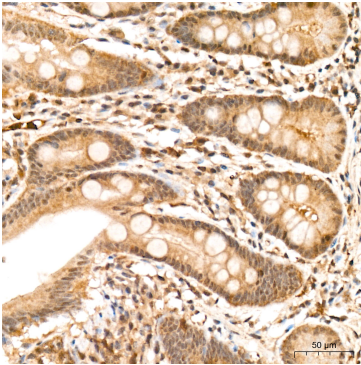
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

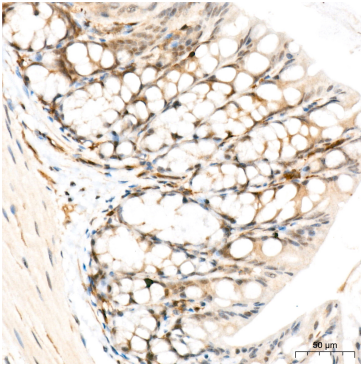
Validation Data



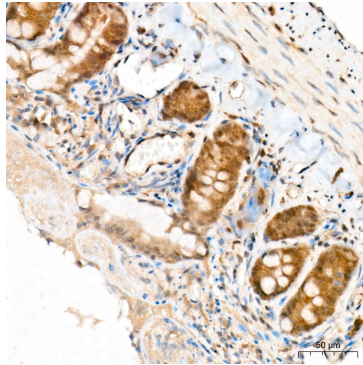
Western blot analysis of lysates from 293T cells, using Phospho-HDAC4-S246 + HDAC5-S259 + HDAC9-S220 Rabbit mAb (AP1394) at 1:1000 dilution. 293T cells were treated with EGF (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Phospho-HDAC4-S246 + HDAC5-S259 + HDAC9-S220 Rabbit mAb (AP1394) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using Phospho-HDAC4-S246 + HDAC5-S259 + HDAC9-S220 Rabbit mAb (AP1394) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Phospho-HDAC4-S246 + HDAC5-S259 + HDAC9-S220 Rabbit mAb (AP1394) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.