

Phospho-HDAC4-S246/HDAC5-S259/HDAC9-S220 Rabbit pAb

Catalog No.: AP0280

Basic Information

Observed MW

125kDa/140kDa

Calculated MW

57-65kDa/97-122kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

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 1:50 - 1:200

 $\begin{array}{c} \textbf{ELISA} & \text{Recommended starting} \\ & \text{concentration is 1 } \mu\text{g/mL}. \end{array}$

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID Swiss Prot

9759/10014/9734 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

<u>a</u>	400-999-6126
\bowtie	cn.market@abclonal.com.cn
\odot	www.abclonal.com.cn

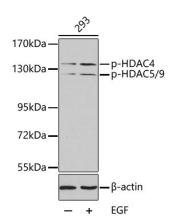
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

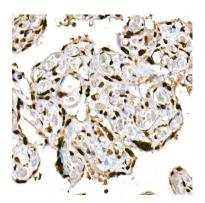
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



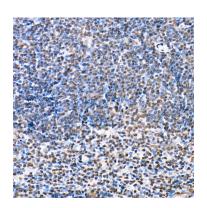
Western blot analysis of lysates from 293 cells, using Phospho-HDAC4-S246/HDAC5-S259/HDAC9-S220 Rabbit pAb (AP0280). 293 cells were treated with EGF.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

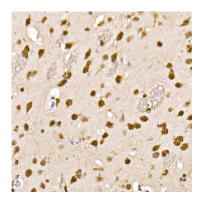
Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA.



Immunohistochemistry analysis of paraffinembedded Human placenta using Phospho-HDAC4-S246/HDAC5-S259/HDAC9-S220 Rabbit pAb (AP0280) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse spleen using Phospho-HDAC4-S246/HDAC5-S259/HDAC9-S220 Rabbit pAb (AP0280) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Rat brain using Phospho-HDAC4-S246/HDAC5-S259/HDAC9-S220 Rabbit pAb (AP0280) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.