

Phospho-HDAC4-S246/HDAC5-S259/HDAC9-S220 Rabbit Polyclonal Antibody

CABP0280



Product Information

Size:

50uL, 100uL, 200uL

Observed MW:

125kDa/140kDa

Calculated MW:

57-65kDa/97-122kDa

Applications:

WB IHC

Reactivity:

Human

Antibody Information

Recommended dilutions:

WB 1:500 - 1:1000 IHC 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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]

Immunogen information

Gene ID:

9759/10014/9734

Uniprot

P56524/Q9UQL6/Q9UKV0

Synonyms:

HDAC4/HDAC5/HDAC9

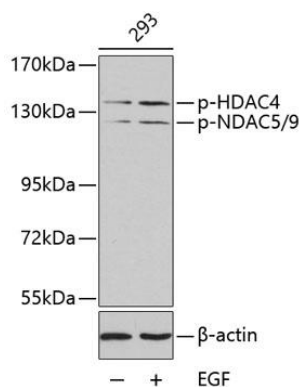
Immunogen:

A phospho specific peptide corresponding to residues surrounding S246 of human HDAC4

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts from 293 cells untreated or treated with EGF using Phospho-HDAC4-S246/HDAC5-S259/HDAC9-S220 Antibody (CABP0280). Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.