

Anti-Phospho-HDAC4 (Ser246)/HDAC5 (Ser259)/HDAC9 (Ser220) Rabbit pAb

Purified Rabbit Polyclonal Antibody

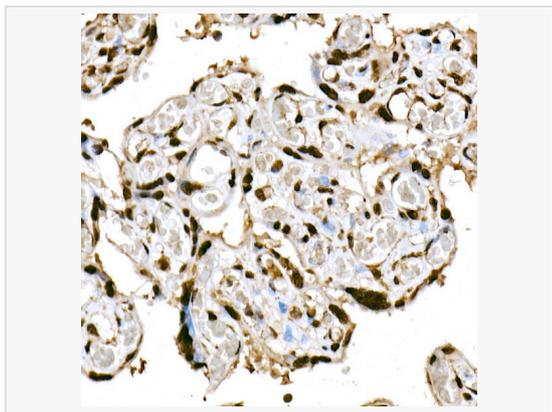
Catalog # P108810

Product Information

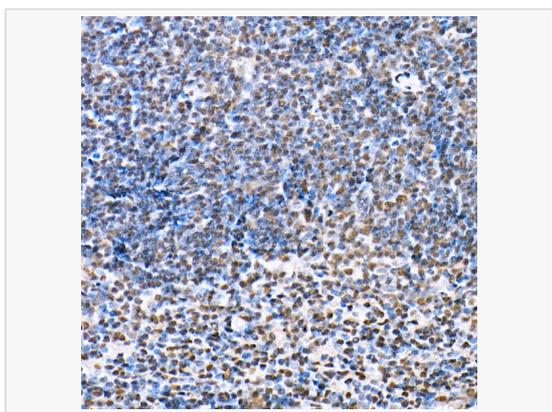
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| Application | WB, IHC-P/IF (Tissue-P), ELISA |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:500~1:1,000; IHC-P 1:50~1:200 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A phospho specific peptide corresponding to residues surrounding S246 of human HDAC4 |
| Format | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-Phospho-HDAC4 (Ser246)/HDAC5 (Ser259)/HDAC9 (Ser220) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

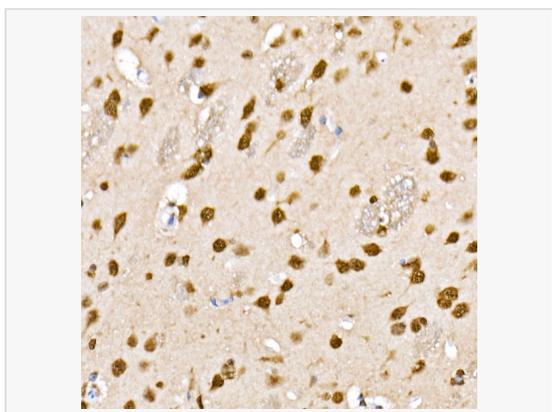
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| Synonyms | HD4; AHO3; BDMR; HDACA; HA6116; HDAC-4; HDAC-A; NEDCHF; NEDCHID; HDAC4; Phospho-HDAC4-S246/HDAC5-S259/HDAC9-S220. |
| Calculated MW | Calculated MW: 57-65 kDa/97-122 kDa; Observed MW: 125 kDa/140 kDa |
| Uniprot ID | P56524, Q9UQL6, Q9UKV0 |
| Gene ID | 9759, 10014, 9734 |
| 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] |



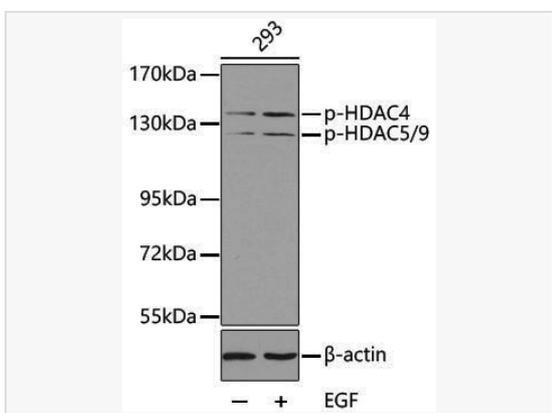
Immunohistochemistry analysis of paraffin-embedded Human placenta using Phospho-HDAC4-S246/HDAC5-S259/HDAC9-S220 Rabbit pAb (P108810) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen using Phospho-HDAC4-S246/HDAC5-S259/HDAC9-S220 Rabbit pAb (P108810) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain using Phospho-HDAC4-S246/HDAC5-S259/HDAC9-S220 Rabbit pAb (P108810) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Western blot analysis of lysates from 293 cells, using Phospho-HDAC4-S246/HDAC5-S259/HDAC9-S220 Rabbit pAb (P108810). 293 cells were treated by EGF. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA.