Leader in Biomolecular Solutions for Life Science

Phospho-HDAC2-S394 Rabbit pAb

Catalog No.: AP0201



Basic Information

Observed MW 62kDa

Calculated MW 55kDa

Category Primary antibody

Applications WB,IHC-P,ELISA

Cross-Reactivity Human, Mouse, Rat

Background

This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB	1:100 - 1:500
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene	ID
3066	

Swiss Prot Q92769

Immunogen

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

Synonyms

HD2; RPD3; YAF1; KDAC2; Phospho-HDAC2-S394

Contact

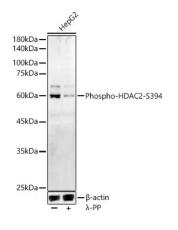
6	400-999-6126
\times	cn.market@abclonal.com.cn
€	www.abclonal.com.cn

Product Information

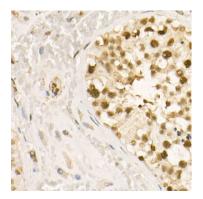
Source Rabbit **lsotype** IgG Purification Affinity purification

Storage

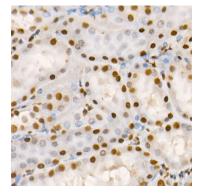
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of lysates from HepG2 cells, using Phospho-HDAC2-S394 Rabbit pAb (AP0201) at 1:400 dilution. 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: 90s.



Immunohistochemistry analysis of paraffinembedded Human testis using Phospho-HDAC2-S394 Rabbit pAb (AP0201) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Rat kidney using Phospho-HDAC2-S394 Rabbit pAb (AP0201) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.