

Phospho-HDAC5-S498 Rabbit Polyclonal Antibody

CABP0202



Product Information

Size:

50uL, 100uL, 200uL

Observed MW:

140kDa

Calculated MW:

112kDa/121kDa/122kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 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 the class II histone deacetylase/acuc/apha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. It coimmunoprecipitates only with HDAC3 family member and might form multicomplex proteins. It also interacts with myocyte enhancer factor-2 (MEF2) proteins, resulting in repression of MEF2-dependent genes. This gene is thought to be associated with colon cancer. Two transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID:

10014

Uniprot

Q9UQL6

Synonyms:

HDAC5; HD5; NY-CO-9

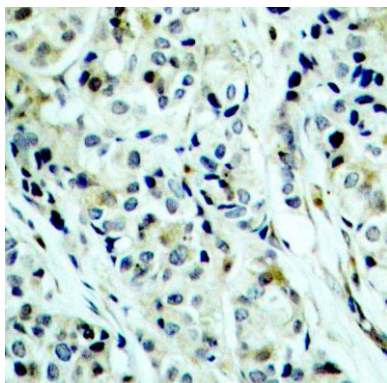
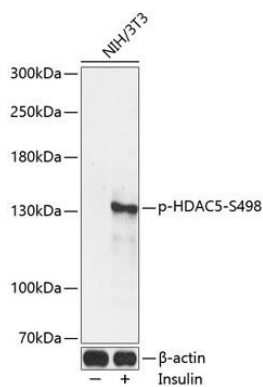
Immunogen:

A phospho specific peptide corresponding to residues surrounding S498 of human HDAC5

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 of NIH/3T3 cells, using Phospho-HDAC5-S498 antibody (CABP0202) at 1:2000 dilution. NIH/3T3 cells were treated by Insulin (100nM) for 10 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 30s.

Immunohistochemistry of paraffin-embedded human breast carcinoma using Phospho-HDAC5-S498 antibody (CABP0202).