

HDAC7 Rabbit Polyclonal Antibody



CAB7285

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

120kDa

Calculated MW:

46-66kDa/99-108kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 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 has sequence homology to members of the histone deacetylase family. This gene is orthologous to mouse HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID:

51564

Uniprot

Q8WUI4

Synonyms:

HDAC7; HD7; HD7A; HDAC7A

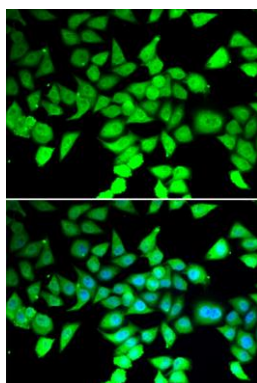
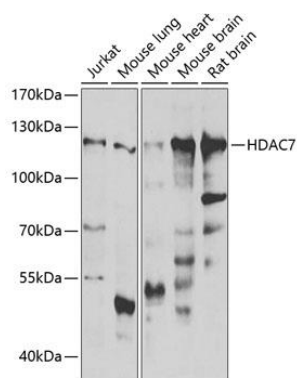
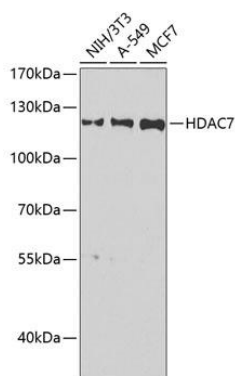
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 400-500 of human HDAC7 (NP_056216.2).

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 various cell lines, using HDAC7 antibody (CAB7285) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

Western blot analysis of extracts of various cell lines, using HDAC7 antibody (CAB7285) at 1:1000 dilution. 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.

Immunofluorescence analysis of MCF-7 cells using HDAC7 antibody (CAB7285). Blue: DAPI for nuclear staining.