



SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[KD-Validated] Anti-HDAC4 Rabbit Monoclonal Antibody

Cat No.: KD-10452

Aliases:

Histone Deacetylase 4; HD4; KIAA0288; HDAC-A; HA6116; HDAC-4; HDACA; EC 3.5.1.98; BDMR; Brachydactyly-Mental Retardation Syndrome; Histone Deacetylase A; NEDCHID; NEDCHF; AHO3

Background:

UniProt Entry: [P56524](#);NCBI Gene Entry: [9759](#)

Application Information

Molecular Weight: Predicted, 120 kDa, observed, 140 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB865 Species Reactivity: Human Applications Used: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human HDAC4

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

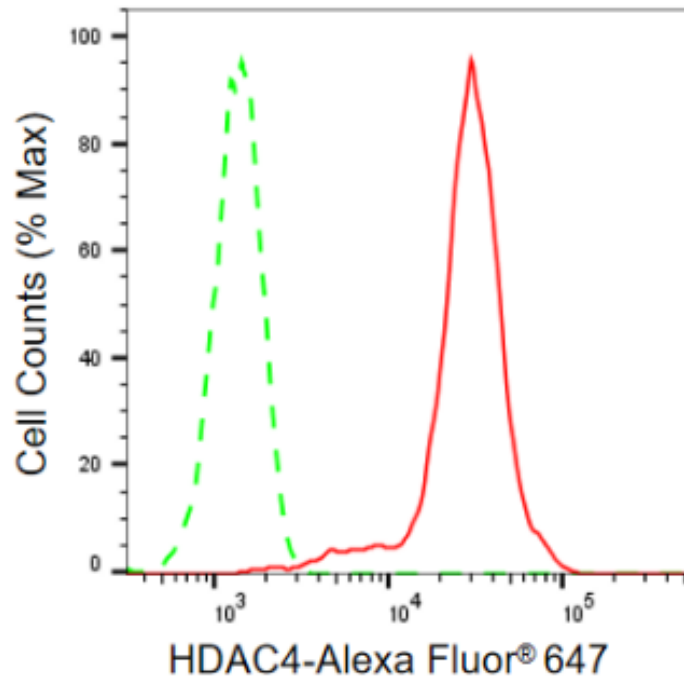
Store at -20 °C for one year.

Recommended Dilutions

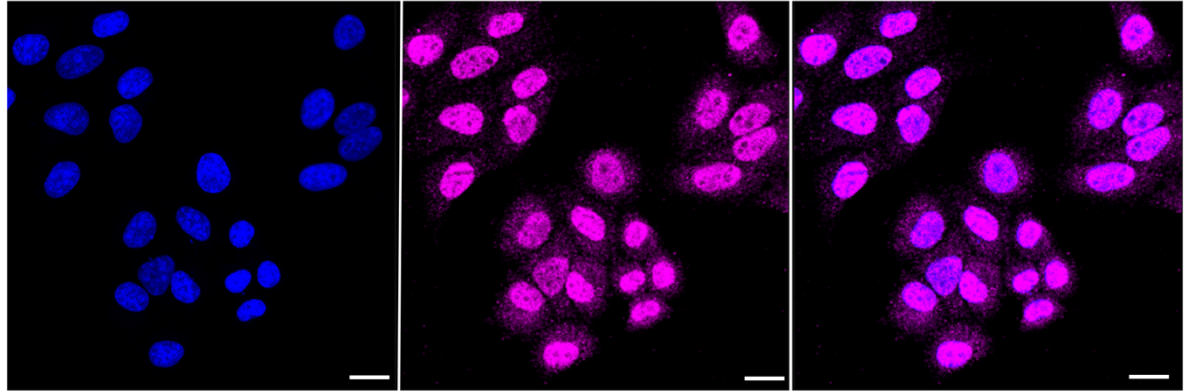
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:1,000

Protocols

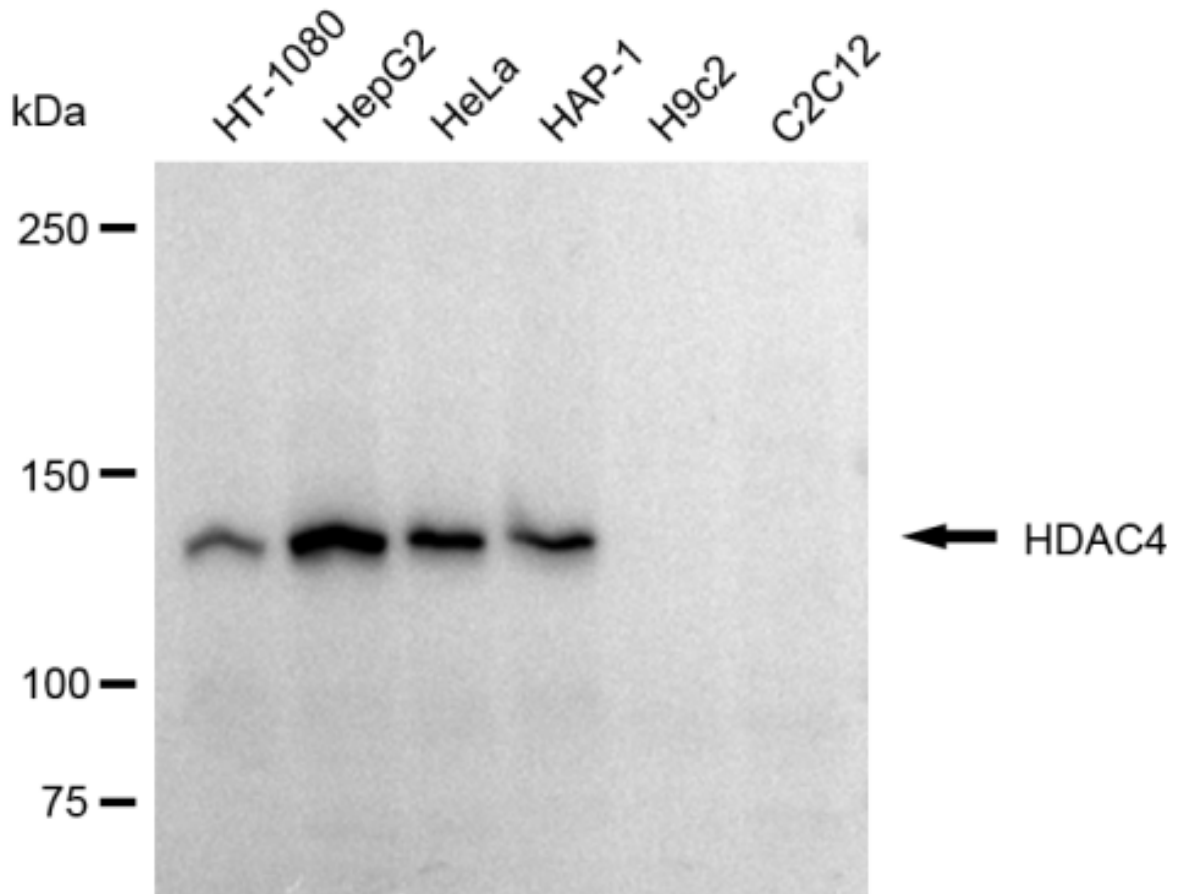
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



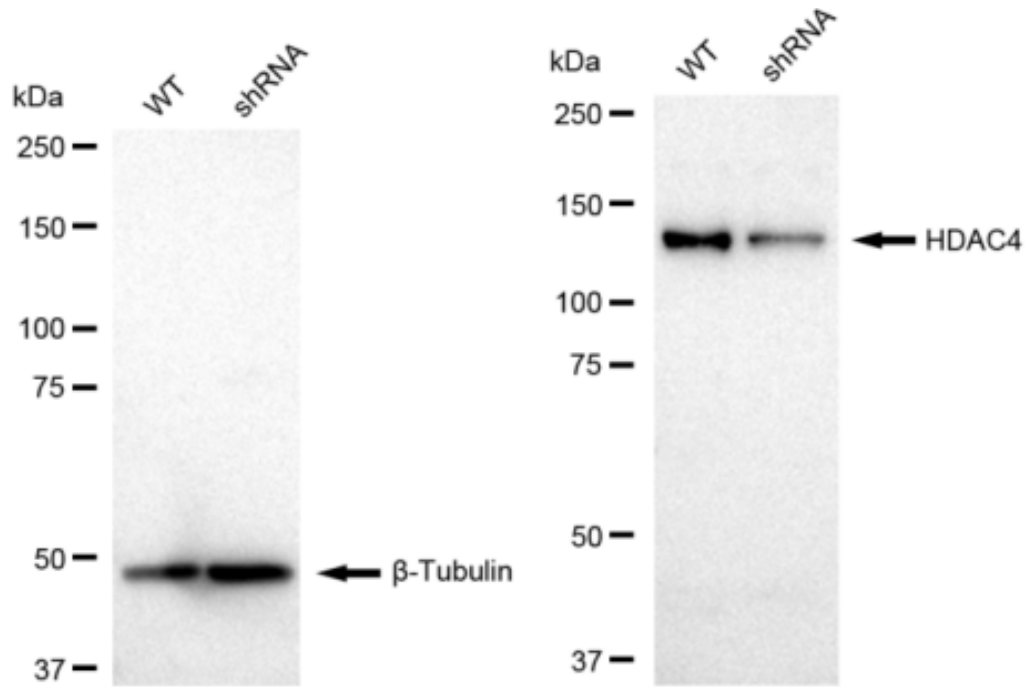
Flow cytometric analysis of HDAC4 expression in HepG2 cells using HDAC4 antibody 1:2,000. Green, isotype control; red, HDAC4.



Immunocytochemical staining of HepG2 cells with HDAC4 antibody 1:1,000. Nuclei were stained blue with DAPI; HDAC4 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-HDAC4 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



Western blotting analysis using anti-HDAC4 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .