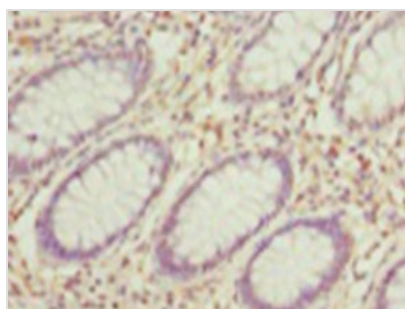




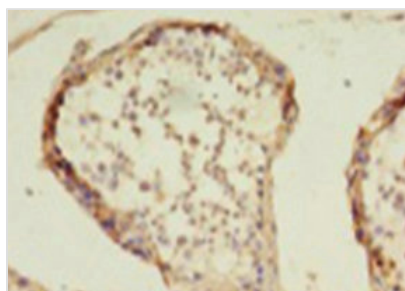
# HDAC1 Antibody

<b>Product Code</b>	CSB-PA17869A0Rb
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	Q13547
<b>Immunogen</b>	Recombinant Human Histone deacetylase 1 protein (1-482AA)
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, IHC, IF, ChIP; Recommended dilution: IHC:1:20-1:200, IF:1:100-1:500
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	>95%, Protein G purified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Alias</b>	Histone deacetylase 1 (HD1) (EC 3.5.1.98), HDAC1, RPD3L1
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Target Names</b>	HDAC1

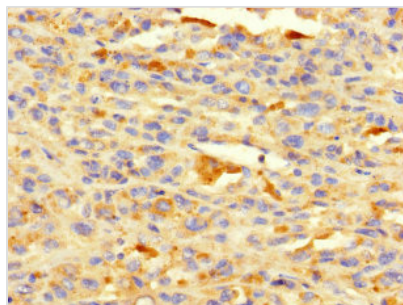
## Image



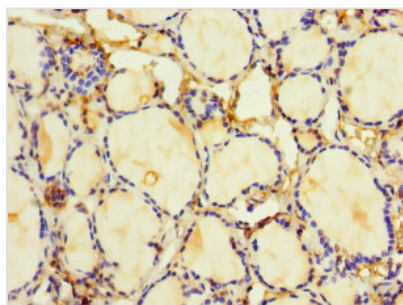
Immunohistochemistry of paraffin-embedded human testis tissue using CSB-PA17869A0Rb at dilution of 1: 100



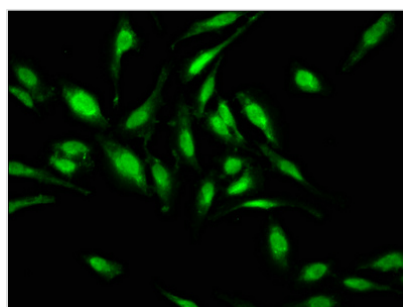
Immunohistochemistry of paraffin-embedded human colon cancer using CSB-PA17869A0Rb at dilution of 1: 100



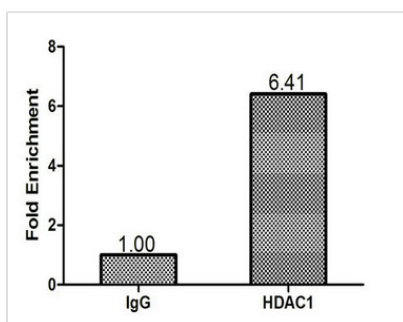
Immunohistochemistry of paraffin-embedded human melanoma using CSB-PA17869A0Rb at dilution of 1:100



Immunohistochemistry of paraffin-embedded human thyroid tissue using CSB-PA17869A0Rb at dilution of 1:100



Immunofluorescence staining of HeLa cells with CSB-PA17869A0Rb at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Chromatin Immunoprecipitation MCF-7 ( $1.1 \times 10^6$ ) were cross-linked with formaldehyde, sonicated, and immunoprecipitated with 4μg anti-HDAC1 or a control normal rabbit IgG. The resulting ChIP DNA was quantified tissue using real-time PCR with primers (CSB-PP17869HU) against the P21 promoter.