

Anti-HDAC1 Polyclonal Antibody

Cat:K007507P

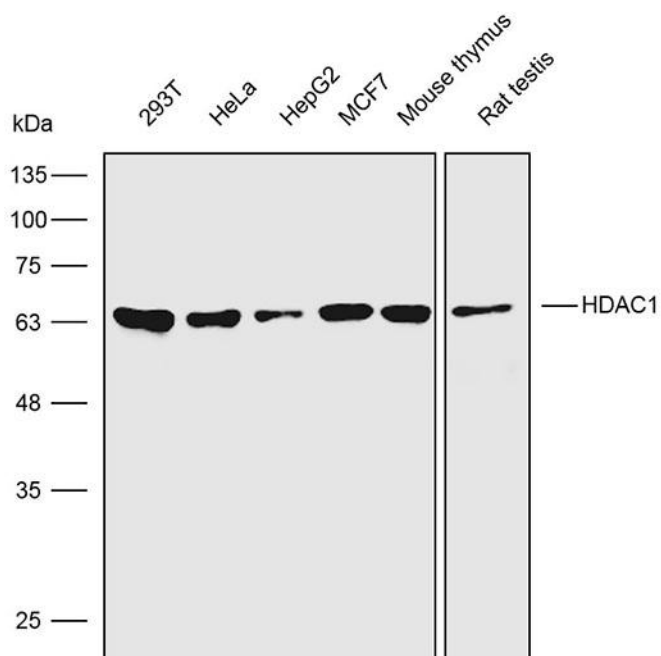
Summary:

- 【Product name】** : Anti-HDAC1 antibody **【Source】** : Rabbit
- 【Isotype】** : IgG **【Species reactivity】** : Human Mouse Rat
- 【Swiss Prot】** : Q13547 **【Gene ID】** : 3065
- 【Calculated】** : MW:55kDa **【Observed】** : MW:63kDa
- 【Purification】** : Affinity purification
- 【Tested applications】** : WB IHC
- 【Recommended dilution】** : WB 1:500-2000. IHC 1:25-100.
- 【WB Positive sample】** : 293T,HeLa,HepG2,MCF7,Mouse thymus,Rat testis
- 【IHC Positive sample】** : Human lung cancer and Human tonsil
- 【Subcellular location】** : Cytoplasm Nucleus
- 【Immunogen】** : A synthetic peptide of human HDAC1
- 【Storage】** : Shipped at 4°C. Upon delivery aliquot and store at -20°C

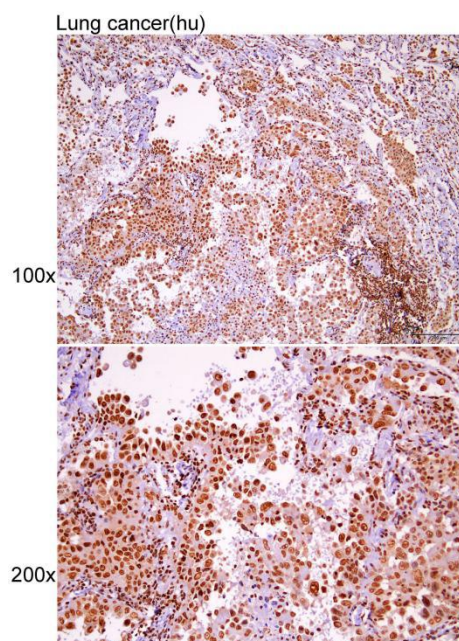
Background:

Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/alpha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis.

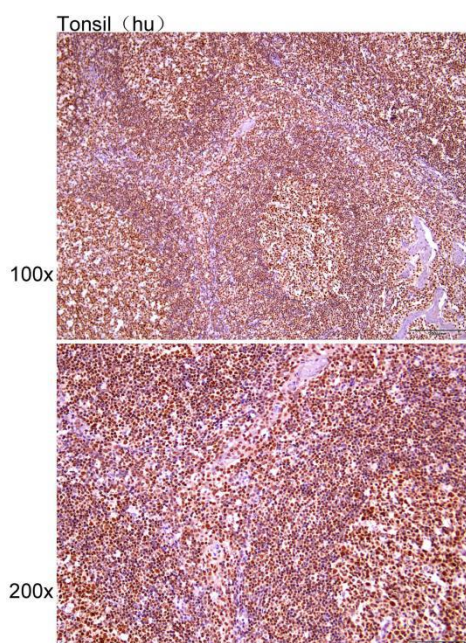
Verified picture



Western blot analysis with HDAC1 antibody diluted at 1:1000; Lane: 293T, HeLa, HepG2, MCF7, Mouse thymus, Rat testis



Immunohistochemistry of paraffin-embedded Human lung cancer with HDAC1 antibody diluted at 1:50



Immunohistochemistry of paraffin-embedded Human tonsil with HDAC1 antibody diluted at 1:50