

Rabbit anti-human HDAC1 Polyclonal Antibody

Catalog Number: R16010P

General Information	
Immunogen	Recombinant protein of human HDAC1
IgG type	IgG
Clonality	Polyclonal
Specificity	human HDAC1
Applications & dilution	WB 1:500 - 1:2000 IHC 1:100 - 1:200 IF 1:50 - 1:100
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity	≥95% purity by SDS-PAGE
Storage	Store at -20°C. Avoid freeze / thaw cycles.
Abbreviation: ELISA: Enzyme-linked immunosorbent assay; ITA: immunoturbidimetric assay; IP: immunoprecipitation; IHC: immunohistochemistry; IF: immunofluorescence. WB: western blot; FC: flowcytometry	

Background

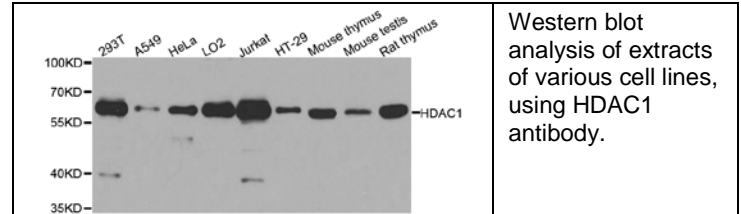
Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with 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.

Preparation

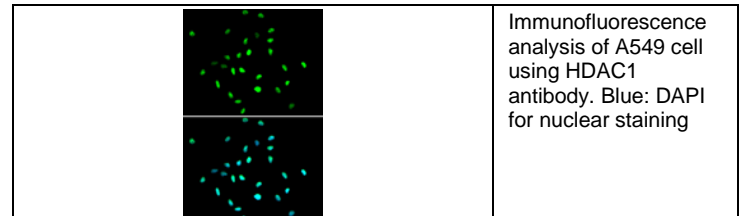
Polyclonal antibody is produced by immunizing rabbit with recombinant protein of human HDAC1 and purified using protein A resin.

Applications

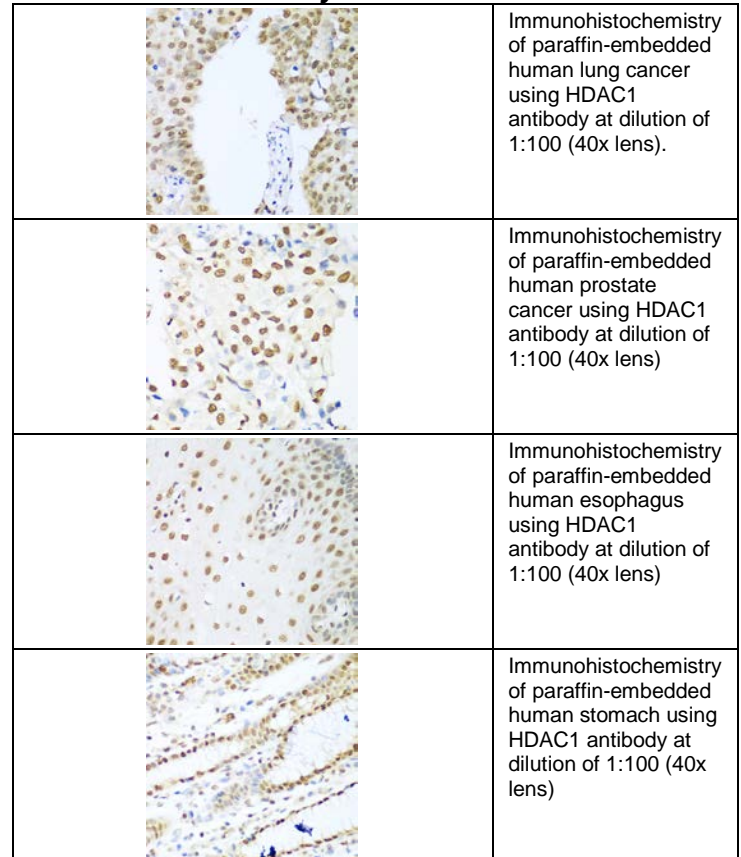
Western blot



Immunofluorescence



Immunohistochemistry



For research use only

Storage

This antibody is shipped at 4 °C. This product is stable for 12 months from date of receipt when stored at -20 °C to -70 °C. Avoid freeze/thaw cycles.

Hazard/Biohazard

This antibody contains 0.02% sodium azide as preservative. Please handle and dispose the product properly. No known biohazard is associated with this product.

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