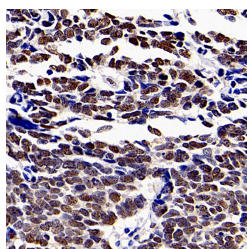


HDAC1 Polyclonal Antibody

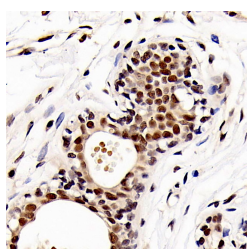
Catalog No.	E-AB-70201	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

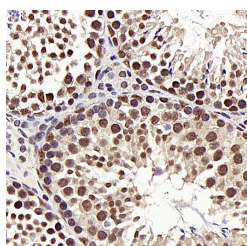
Images



Immunohistochemistry analysis of paraffin-embedded human lung cancer using HDAC1 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded human breast cancer using HDAC1 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded mouse testis using HDAC1 Polyclonal Antibody at dilution of 1:300.

Immunogen Information

Immunogen	Recombinant protein corresponding to Mouse HDAC1
Swissprot	Q13547,O09106,Q4QQW4
Synonyms	HDAC1, GON-10, HD1, RPD3, RPD3L1, histone deacetylase 1

Product Information

Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	IHC 1:200-1:1000

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.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.