Product Name: **HDAC2 Rabbit Monoclonal Antibody**
Catalog #: **AMRe02075**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 55 kDa; Observed MW: 60 kDa

Antigen Information

Gene Name	HDAC2
Alternative Names	HDAC2; Histone deacetylase 2; HD2
Gene ID	3066
SwissProt ID	Q92769
Immunogen	Recombinant protein of human HDAC2

Background

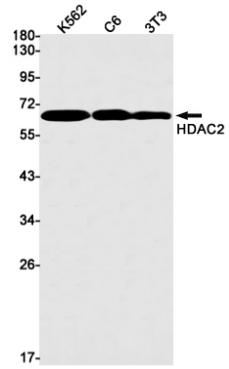
In the intact cell, DNA closely associates with histones and other nuclear proteins to form chromatin. The remodeling of chromatin is believed to be a critical component of transcriptional regulation and a major source of this remodeling is brought

about by the acetylation of nucleosomal histones. Acetylation of lysine residues in the amino-terminal tail domain of histone results in an allosteric change in the nucleosomal conformation and an increased accessibility to transcription factors by DNA.

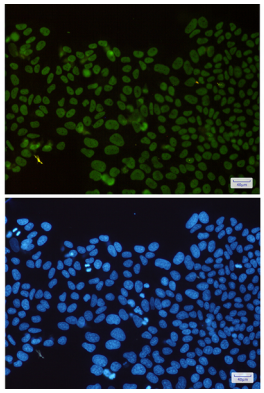
Research Area

Epigenetics and Nuclear Signaling

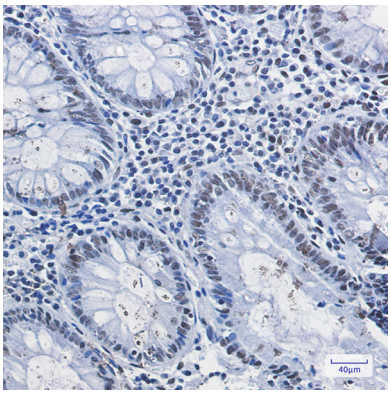
Image Data



Western blot analysis of HDAC2 in K562, C6, 3T3 lysates using HDAC2 antibody.



Immunocytochemistry analysis of HDAC2(green) in Hela using HDAC2 antibody,and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using HDAC2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.