

Summary

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|------------------------|--|
| Production Name | HDAC2 Rabbit Monoclonal Antibody |
| Description | Recombinant Rabbit Monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC-F,IHC-P,ICC/IF,IP |
| Reactivity | Human,Mouse,Rat |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal Antibody |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Purification | Affinity Purified |

Immunogen

| | |
|--------------------------|-----------------------------------|
| Gene Name | HDAC2 |
| Alternative Names | HDAC2; Histone deacetylase 2; HD2 |
| Gene ID | 3066 |
| SwissProt ID | Q92769 |

Application

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

Background

Product Name: HDAC2 Rabbit Monoclonal Antibody
Catalog #: AMRe02075

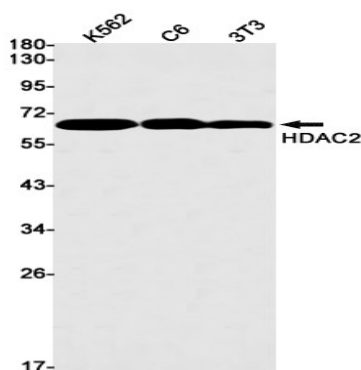


In the intact cell, DNA closely associates with histones and other nuclear proteins to form chromatin. The remodeling of chromatin is believed to be a critical component of transcriptional regulation and a major source of this remodeling is brought about by the acetylation of nucleosomal histones. Acetylation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

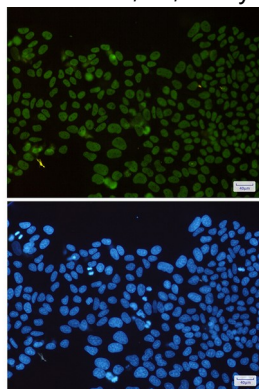
Research Area

Epigenetics and Nuclear Signaling

Image Data

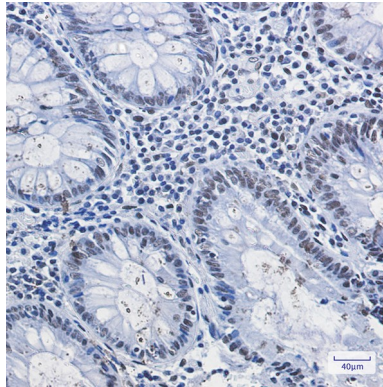


Western blot analysis of HDAC2 in K562, C6, 3T3 lysates using HDAC2 antibody.



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

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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.

Note

For research use only.