

HDAC2 RABBIT PAB

Cat.#: N225269

Product Name: Anti-HDAC2 Rabbit pAb

Synonyms: HDAC2; Histone deacetylase 2; HD2

UNIPROT ID: Q92769

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.

Immunogen: Peptide sequence around aa. 392~396 (E-D-S-G-D) derived from Human HDAC2.

Applications: WB,IHC-P,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 55 kDa; Observed MW: 60 kDa

Isotype: IgG

Purification: Affinity Chromatography

Species Reactivity: Human,Mouse,Rat

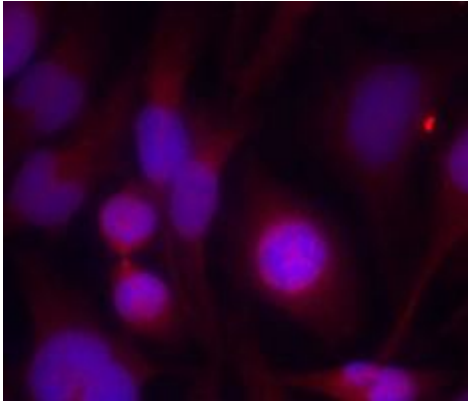
Conjugation: Unconjugated

Modification: Unmodified

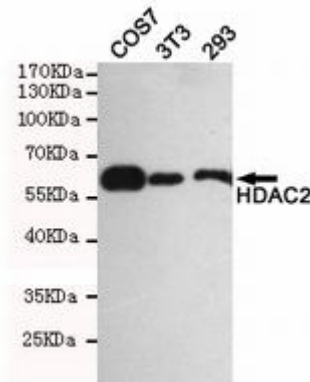
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

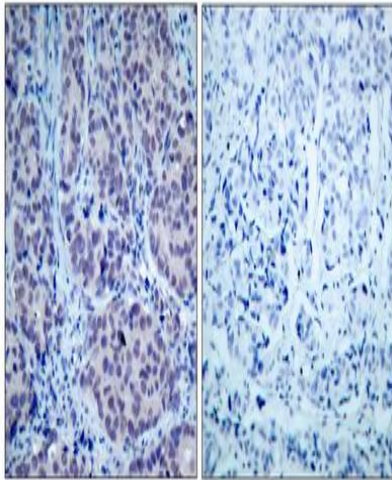
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence analysis of HDAC2 in Hela using HDAC2 (Ab394) antibody.



Western blot analysis of HDAC2 in 293, 3T3 and COS7 lysates using HDAC2 (Ab394) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using HDAC2 (Ab394) antibody (left) or the same antibody preincubated with blocking peptide (right). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.