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35-1488: Polyclonal Antibody to HDAC2 (Ab-394)

Clonality :	Polyclonal
Application :	IHC,WB,IF
Reactivity :	Rat,Mouse,Human
Gene :	HDAC2
Gene ID :	3066
Uniprot ID :	Q92769
Format :	Purified
Alternative Name :	HD2, Histone deacetylase 2
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa. 392~396 (E-D-S-G-D) derived from Human HDAC2.

Description

Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 60kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

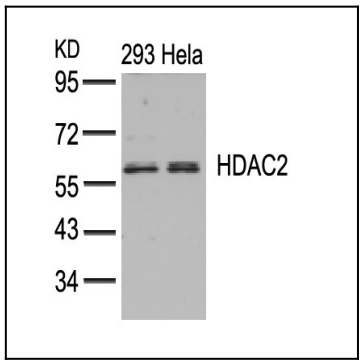


Figure 1: Western blot analysis of extracts from 293 and Hela cells using HDAC2 (Ab-394) Antibody 35-1488 .

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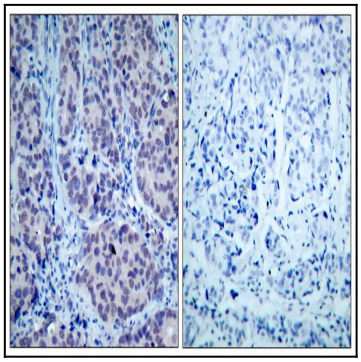


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HDAC2 (Ab-394) Antibody 35-1488 (left) or the same antibody preincubated with blocking peptide(right).

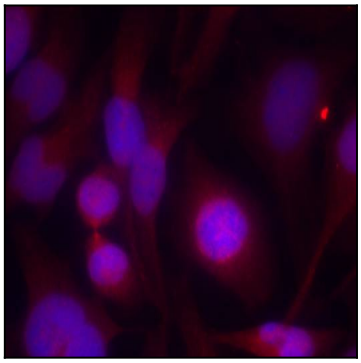


Figure 3: Immunofluorescence staining of methanol-fixed Hela cells using HDAC2 (Ab-394) Antibody 35-1488 .

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