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45-1037: Rabbit Polyclonal Antibody to HDAC2(Discontinued)

Clonality :	Polyclonal
Application :	ELISA
Reactivity :	Human
Gene :	HDAC2
Gene ID :	3066
Uniprot ID :	Q92769
Format :	Purified
Alternative Name :	Histone deacetylase 2
Isotype :	Rabbit IgG
Immunogen Information :	Synthetic peptide derived from the carboxyl terminal residues of the human HDAC2

Description

HDAC2 (Histone deacetylase 2) belongs to the histone deacetylase family. Histone deacetylases are responsible for the deacetylation of lysine residues on the N-terminal region of the core histones (H2A, H2B, H3, and H4) via the formation of large multiprotein complexes. Histone deacetylation forms the tagging for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression, and developmental events. HDAC2 also forms transcriptional repressor complexes by associating with many different proteins, such as YY1, a mammalian zinc-finger transcription factor. Rabbit Anti-HDAC2 Polyclonal Antibody is developed in rabbit using a KLH-coupled synthetic peptide derived from the carboxyl terminal residues of the human HDAC2 protein (Swiss Prot: Q92769).

Product Info

Amount :	40 µg
Purification :	Immunoaffinity chromatography
Content :	0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide
Storage condition :	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application Note

ELISA: 0.05-0.2 µg/ml
Western blot: 1-2 µg/ml
Immunhistochemistry: 5-10 µg/ml

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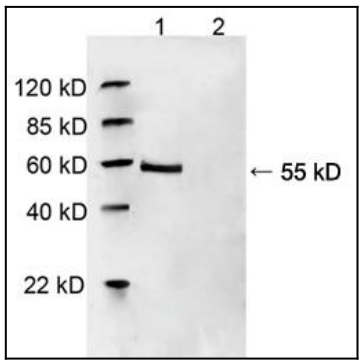

Figure-1 : Western blot analysis of HDAC2 Antibody at 1 µg/ml on Hela cell lysate using 1: HDAC2 Antibody, 2: HDAC2 Antibody pre-incubated with immunizing peptide, IRDye 800 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody.

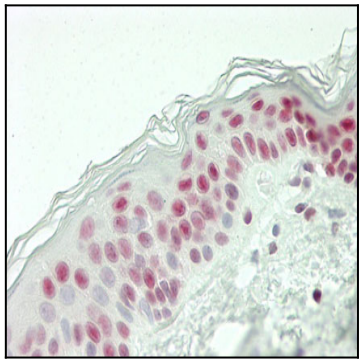

Figure-2 : Immunohistochemical analysis of HDAC2 Antibody at 5 µg/ml on human skin tissue slide (Paraffin embedded).

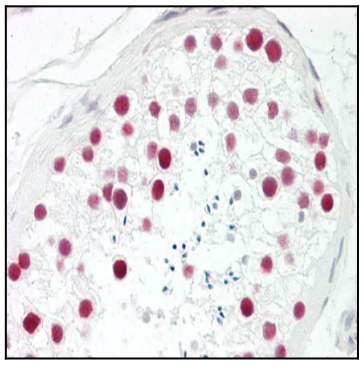

Figure-3 : Immunohistochemical analysis of HDAC2 Antibody at 5 µg/ml on human testis tissue slide (Paraffin embedded).