

PACO51610

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## Product Information

**Size:**

50ug

**Reactivity:**

Human, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000

**Protein Background:**

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. Also involved in the deacetylation of cohesin complex protein SMC3 regulating release of cohesin complexes from chromatin. May play a role in smooth muscle cell contractility.

**Gene ID:**

HDAC8

**Uniprot**

Q9BY41

**Synonyms:**

Histone deacetylase 8 (HD8) (EC 3.5.1.98), HDAC8, HDACL1

**Immunogen:**

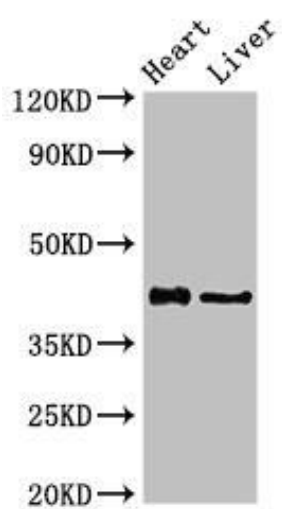
Recombinant Human Histone deacetylase 8 protein (1-377AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images

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Western Blot. Positive WB detected in: Rat heart tissue, Rat liver tissue. All lanes: HDAC8 antibody at 2.5 $\mu$ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 42, 30, 18, 32, 29, 16, 17 kDa. Observed band size: 42 kDa.