

HDAC2 Ab

[Images\(1\)](#)

Cat.#: DF6808
Size: 100ul,200ul,50ul

Concn.: ~1mg/ml
Source: Rabbit

Mol.Wt.: 55kDa
Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide)
1:20000-1:40000

*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat

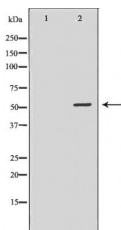
Purification: The antiserum was purified by peptide affinity chromatography using
SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human HDAC2, corresponding to a
region within the internal amino acids.

Uniprot: Q92769

Description: Acetylation of the histone tail causes chromatin to adopt an open
conformation, allowing increased accessibility of transcription factors to
DNA. The identification of histone acetyltransferases (HATs) and their
large multiprotein complexes has yielded important insights into how these
enzymes regulate transcription (1,2). HAT complexes interact with sequence-
specific activator proteins to target specific genes. In addition to histones,
HATs can acetylate nonhistone proteins, suggesting multiple roles for these
enzymes . In contrast, histone deacetylation promotes a closed chromatin
conformation and typically leads to repression of gene activity . Mammalian
histone deacetylases can be divided into three classes on the basis of their
similarity to various yeast deacetylases .

Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02%
sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from
date of receipt.



Western blot analysis of HeLa whole cell lysates, using HDAC2 Ab. The lane
on the left was treated with the antigen-specific peptide.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab
in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,
overnight.



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