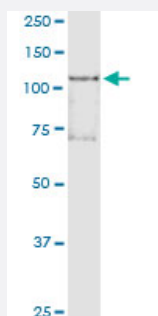


# HDAC4 (Human) IP-WB Antibody Pair

Catalog # H00009759-PW1

Size 1 Set

## Applications



Immunoprecipitation of HDAC4 transfected lysate using rabbit polyclonal anti-HDAC4 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-HDAC4.

## Specification

|                                      |                                                                                                                                                                                                                                           |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.                                                                                              |
| <b>Reactivity</b>                    | Human                                                                                                                                                                                                                                     |
| <b>Interspecies Antigen Sequence</b> | Mouse (92); Rat (92)                                                                                                                                                                                                                      |
| <b>Quality Control Testing</b>       | Immunoprecipitation-Western Blot (IP-WB)<br>Immunoprecipitation of HDAC4 transfected lysate using rabbit polyclonal anti-HDAC4 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse polyclonal anti-HDAC4. |
| <b>Supplied Product</b>              | Antibody pair set content:<br>1. Antibody pair for IP: rabbit polyclonal anti-HDAC4 (300 ul)<br>2. Antibody pair for WB: mouse polyclonal anti-HDAC4 (50 ul)                                                                              |
| <b>Storage Instruction</b>           | Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.                                                        |

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — HDAC4

**Entrez GeneID** [9759](#)

**Gene Name** HDAC4

**Gene Alias** HA6116, HD4, HDAC-A, HDACA, KIAA0288

**Gene Description** histone deacetylase 4

**Omim ID** [605314](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. This protein does not bind DNA directly, but through transcription factors MEF2C and MEF2D. It seems to interact in a multiprotein complex with RbAp48 and HDAC3. [provided by RefSeq]

**Other Designations** histone deacetylase A

## Disease

- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Craniofacial Abnormalities](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Mouth Abnormalities](#)
- [Schizophrenia](#)