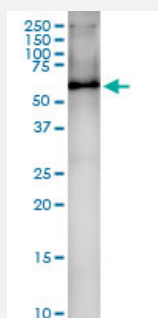


HDAC1 (Human) IP-WB Antibody Pair

Catalog # H00003065-PW1

Size 1 Set

Applications



Immunoprecipitation of HDAC1 transfected lysate using rabbit polyclonal anti-HDAC1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-HDAC1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99%); Rat (99%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of HDAC1 transfected lysate using rabbit polyclonal anti-HDAC1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-HDAC1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-HDAC1 (300 ul) 2. Antibody pair for WB: mouse polyclonal anti-HDAC1 (50 ul)
Storage Instruction	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 — HDAC1

Entrez GeneID [3065](#)

Gene Name HDAC1

Gene Alias DKFZp686H12203, GON-10, HD1, RPD3, RPD3L1

Gene Description histone deacetylase 1

Omim ID [601241](#)

Gene Ontology [Hyperlink](#)

Gene Summary Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis. [provided by RefSeq]

Other Designations OTTHUMP00000008745|reduced potassium dependency, yeast homolog-like 1

Pathway

- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [Notch signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Asthma](#)
- [Cognition Disorders](#)
- [Genetic Predisposition to Disease](#)

- [Huntington disease](#)
- [Mental Status Schedule](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)