

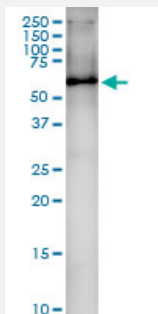
MaxPab®

# HDAC1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00003065-D01

Size 100 uL

## Applications



### Immunoprecipitation

Immunoprecipitation of HDAC1 transfected lysate using anti-HDAC1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with HDAC1 MaxPab mouse polyclonal antibody (B01) ([H00003065-B01](#)).

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human HDAC1 protein.

### Immunogen

HDAC1 (NP\_004955.2, 1 a.a. ~ 482 a.a) full-length human protein.

### Sequence

MAQTQGTRRKVCYYDGDVGNYYYGQGHPMKPHRIRMTHNLLLNYGLYRKMEYRPHKANAEEMT  
KYHSDDYIKFLRSIRPDNMSEYSKQMQRFNVGEDCPVFDGLFEFCQLSTGGSVASAVKLNKQQT  
DIAVNWAGGLHHAKKSEASGFCYVNDIVLAILELLKYHQRVLYIDIDHHGDGVVEAFYTTDRVMTVS  
FHKYGEYFPGTGDLRDIGAGKGKYYAVNYPLRDGIDDESIEAIFKPVMSKVMEMFQPSAVVLQCG  
SDSLSGDRLGCFNLTKGHAKCVEFVKSFNLPMLMLGGGGYTIRNVARCWYETAVALDTEIPNEL  
PYNDYFEYFGPDFKLHISPSNMTNQNTNEYLEKIKQRLFENLRMLPHAPGVQMQAIPEDAIPESG  
DEDEDDPKRISICSSDKRIACEEEFSDSEEEGEGGRKNSSNFKAKRVKTEDEKEKDPEEKKE  
VTEEEKTKEEKPEAKGVKEEVKLA

### Host

Rabbit

### Reactivity

Human

### Interspecies Antigen Sequence

Mouse (99); Rat (99)

### Quality Control Testing

Antibody reactive against mammalian transfected lysate.

**Storage Buffer**

No additive

**Storage Instruction**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

## Gene Info — HDAC1

**Entrez GeneID**[3065](#)**GeneBank Accession#**[NM\\_004964.2](#)**Protein Accession#**[NP\\_004955.2](#)**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](#)