

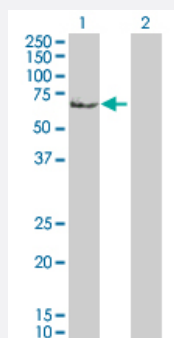
MaxPab®

HDAC2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003066-D01P

Size 100 ug

Applications

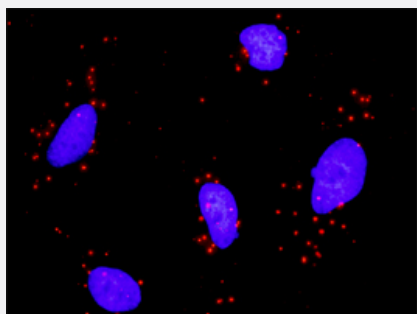


Western Blot (Transfected lysate)

Western Blot analysis of HDAC2 expression in transfected 293T cell line ([H00003066-T02](#)) by HDAC2 MaxPab polyclonal antibody.

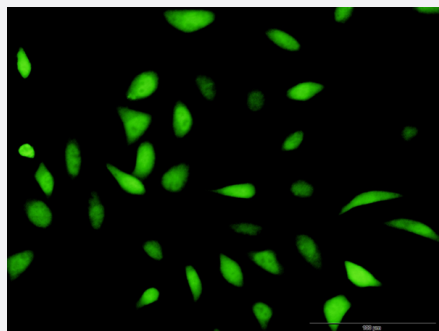
Lane 1: HDAC2 transfected lysate(64.02 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between HDAC2 and PPARD. HeLa cells were stained with anti-HDAC2 rabbit purified polyclonal 1:1200 and anti-PPARD mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to HDAC2 on HeLa cell. [antibody concentration 30 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human HDAC2 protein.

Immunogen	HDAC2 (AA48798.1, 1 a.a. ~ 582 a.a) full-length human protein.
Sequence	MRSPPCGLLRWFGGPLLASWCRCHLRFRAFSGTASGWYRAFPAPPPLLPPACPSPRDYRPHVSL SPFLSRPSRGGSSSSSSSSRRRSPVA AVAGEPMAYSQGGGKKKVCYYYDGDIGNYYYGQGHMK PHRIRMTHNLLLNYGLYRKMEYRPHKATAEEMTKYHSDEYKFLRSIRPDNMSEYSKQMQRFNVGE DCPVFDGLFEFCQLSTGGSVAGAVKLNRRQQTDMAVNWAGGLHHAKKSEASGFCYVNDIVLAILE LLKYHQRVLYIDIDIHHGDGVEEAFYTTDRVMTVSFHKYGEYFPGTGLRDIGAGKGKYYAVNFPMR DGIDDES YGQIFKPIISKVMEMYQPSAVVLQCGADSLSGDRLGCFNLTVKGHAKCDEVVKTFNLPL LMLGGGGYTIRNVARCWYETAVALDCEIPNELPYNDYFEYFGPDFKLHISPSNMTNQNTPEYMEKI KQRLFENLRMLPHAPGVQMQAIPEDAVHEDSGDEDGEDPDKRISIRASDKRIACDEEFSDSEDE GEGGRNVADHKKGAKKARIEEDKKETEDKKTVDVKEEDKSKDNSGEKTDTKGKSEQLSNP
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

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- Immunofluorescence

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Gene Info — HDAC2

Entrez GeneID	3066
GeneBank Accession#	BC148797
Protein Accession#	AAI48798.1
Gene Name	HDAC2
Gene Alias	RPD3, YAF1
Gene Description	histone deacetylase 2
Omim ID	605164
Gene Ontology	Hyperlink
Gene Summary	This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes and are responsible for the deacetylation of lysine residue s on the N-terminal region of the core histones (H2A, H2B, H3 and H4). This protein also forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus it plays an important role in transcriptional regulation , cell cycle progression and developmental events. [provided by RefSeq
Other Designations	OTTHUMP00000040427 YY1-associated factor 1 transcriptional regulator homolog RPD3

Pathway

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

Disease

- [ACTH-Secreting Pituitary Adenoma](#)
- [Adenoma](#)
- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)