



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## HDAC2 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00003066-D01P

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Rabbit polyclonal antibody raised against a full-length human HDAC2 protein.

**Immunogen:** HDAC2 (AAI48798.1, 1 a.a. ~ 582 a.a) full-length human protein.

**Sequence:**  
 MRSPPCGLLRWFGGPLLASWCRCHLRFRAF GTSAGWYRAF PAPPPLL  
 PPACPSPRDYRPHVSLSPFLSRPSRGGSSSSSSSSRRRSPVAAVAGEPM  
 AYSQGGGKKKVCYYYDGDIGNYYYGQGHMPKPHRIRMTNLLLNYGLY  
 RKMEYRPHKATAEEMTKYHSDEYIKFLRSIRPDNMSEYSKQMQRFNVGE  
 DCPVFDGLFEFCQLSTGGSVAGAVKLNRRQQTDMAVNWAGGLHHAKKS  
 EASGFCYVNDMLAILELLKYHQRVLYIDIDIHHGDGVEEAFYTTDRVMTVS  
 FHKYGEYFPGTGDLRDIGAGKGYAVNFPMRDGDDESYGQIFKPIISK  
 VMEMYQPSAVVLQCGADSLSGDRLGCFNLTVKGHAKCVEVVKTFNLPL  
 LMLGGGGYTIRNVARCWYETAVALDCEIPNELPYNDYFEYFGPDFKLHI  
 SPSNMTNQNTPEYMEKIKQRLFENLRMLPHAPGVQMQAIPEDAVHEDSG  
 DEDGEDPDKRISIRASDKRIACDEEFSDSEDEGEGGRRNVADHKKGAKK  
 ARIEEDKKETEDKKT DVKEEDKSKDNSGEKTDTKGTKSEQLSNP

**Host:** Rabbit

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

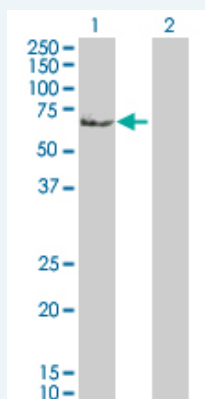
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Applications

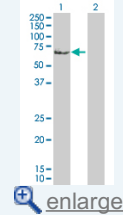
#### Western Blot (Transfected lysate)



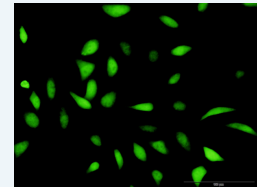
Western Blot analysis of HDAC2 expression in transfected 293T cell line (H00003066-T02) by HDAC2 MaxPab polyclonal antibody.

### Application Image

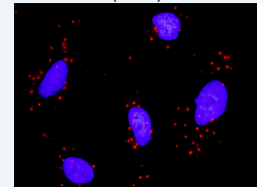
#### Western Blot (Transfected lysate)



#### Immunofluorescence



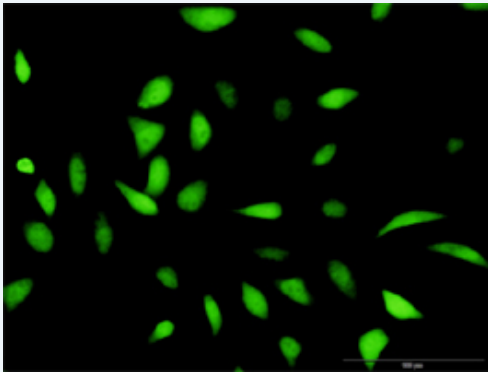
#### In situ Proximity Ligation Assay (Cell)



Lane 1: HDAC2 transfected lysate(64.02 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

### Immunofluorescence

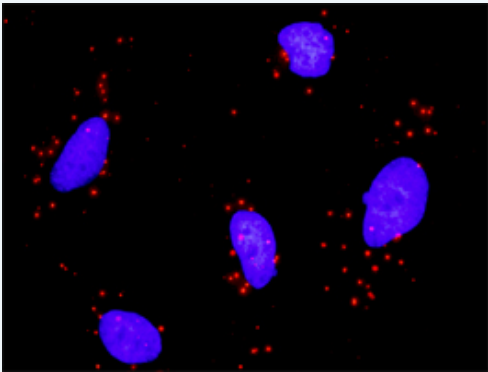


 [enlarge this image](#)

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

 [Protocol Download](#)

### 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).

### Gene Information

Entrez GeneID: [3066](#)

GeneBank [BC148797](#)  
Accession#:

Protein [AAI48798.1](#)  
Accession#:

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 residues 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

#### Gene Pathway

[Cell cycle](#) [Chronic myeloid leukemia](#) [Huntington's disease](#) [Notch signaling pathway](#)  
[Pathways in cancer](#)

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