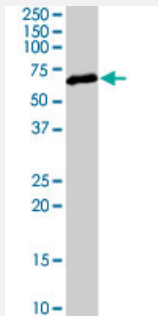


HDAC2 polyclonal antibody

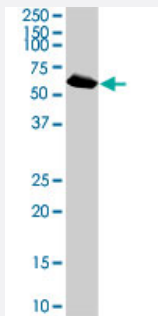
Catalog # PAB0002 Size 100 ug

Applications



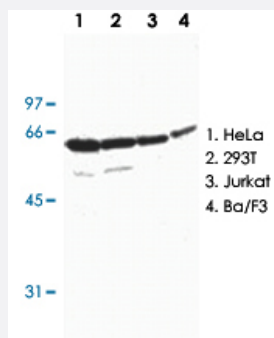
Western Blot (Tissue lysate)

HDAC2 polyclonal antibody (Cat # PAB0002). Western blot analysis of HDAC2 in human liver.



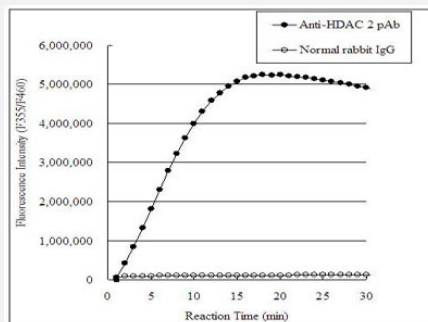
Western Blot (Cell lysate)

HDAC2 polyclonal antibody (Cat # PAB0002). Western blot analysis of HDAC2 in Jurkat.



Western Blot (Cell lysate)

Western blot analysis of HDAC2 polyclonal antibody (Cat # PAB0002) .



Immunoprecipitation

Measurement of HeLa cell endogenous HDAC2 in immunoprecipitate using HDAC2 polyclonal antibody (Cat # PAB0002) by means of HDACs Deacetylase Fluorometric (Human) Assay Kit (Cat # KA0104).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of HDAC2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human HDAC2.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Quality Control Testing	Histone Deacetylase 2 (HDAC2) Antibody detects endogenous levels of HDAC2 protein. The antibody does not cross-react with other HDAC proteins.
Recommend Usage	Western Blot (1-2 ug/mL) Immunoprecipitation (2-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM phosphate buffer, 150 mM NaCl, pH 7.2 (50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

HDAC2 polyclonal antibody (Cat # PAB0002). Western blot analysis of HDAC2 in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

HDAC2 polyclonal antibody (Cat # PAB0002). Western blot analysis of HDAC2 in Jurkat.

[Protocol Download](#)

- Western Blot (Cell lysate)

Western blot analysis of HDAC2 polyclonal antibody (Cat # PAB0002) .

- Immunoprecipitation

Measurement of HeLa cell endogenous HDAC2 in immunoprecipitate using HDAC2 polyclonal antibody (Cat # PAB0002) by means of HDACs Deacetylase Fluorometric (Human) Assay Kit (Cat # KA0104).

Gene Info — HDAC2

Entrez GeneID [3066](#)

GeneBank Accession# [NM_001527](#)

Protein Accession# [NP_001518](#)

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

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](#)