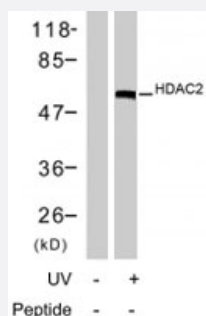


HDAC2 (phospho S394) polyclonal antibody

Catalog # PAB7740

Size 100 uL

Applications

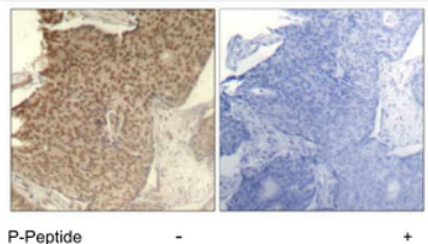


Western Blot (Cell lysate)

Western blot analysis of extracts from HT-29 cells treated with UV (20 min) , using HDAC2 (phospho S394) polyclonal antibody (Cat # PAB7740).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using HDAC2 (phospho S394) polyclonal antibody (Cat # PAB7740).



Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of HDAC2.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S394 of human HDAC2.
Host	Rabbit
Theoretical MW (kDa)	60
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Immunoaffinity purification

Concentration	1 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg ²⁺ and Ca ²⁺), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from HT-29 cells treated with UV (20 min) , using HDAC2 (phospho S394) polyclonal antibody (Cat # PAB7740).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using HDAC2 (phospho S394) polyclonal antibody (Cat # PAB7740).

- Immunofluorescence

Gene Info — HDAC2

Entrez GeneID	3066
Protein Accession#	Q92769
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](#)