

General Information	
Immunogen	A phospho specific peptide corresponding to residues surrounding S394 of human HDAC2
IgG type	IgG
Clonality	Polyclonal
Specificity	Human Phospho-HDAC2-S394
Applications & dilution	WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:100 - 1:200
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity	≥95% purity by SDS-PAGE
Storage	Store at -20°C. Avoid freeze / thaw cycles.
Abbreviation: ELISA: Enzyme-linked immunosorbent assay; ITA: immunoturbidimetric assay; IP: immunoprecipitation; IHC: immunohistochemistry; IF: immunofluorescence. WB: western blot; FC: flowcytometry	

Background

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 at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein 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. Alternative splicing results in multiple transcript variants.

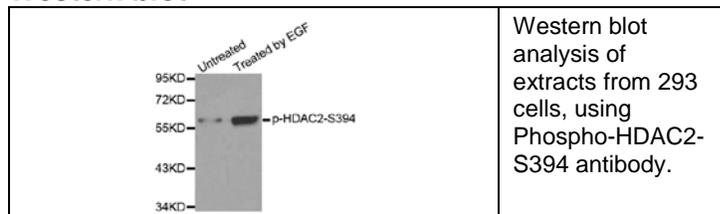
For research use only

Preparation

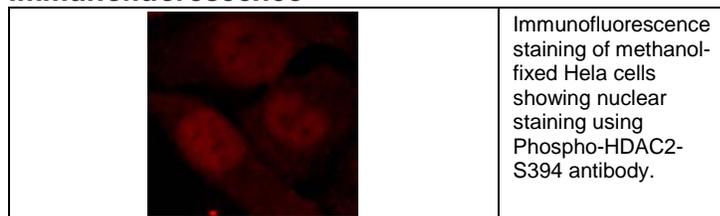
Polyclonal antibody is produced by immunizing rabbit with a phospho specific peptide corresponding to residues surrounding S394 of human HDAC2 and purified using protein A resin.

Applications

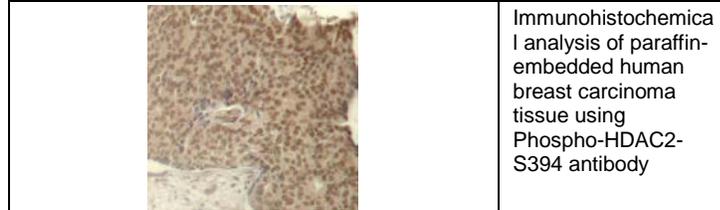
Western blot



Immunofluorescence



Immunohistochemistry



Storage

This antibody is shipped at 4 °C. This product is stable for 12 months from date of receipt when stored at -20 °C to -70 °C. Avoid freeze/thaw cycles.

Hazard/Biohazard

This antibody contains 0.02% sodium azide as preservative. Please handle and dispose the product properly. No known biohazard is associated with this product.