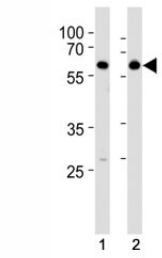
HDAC2 Antibody (F51899)

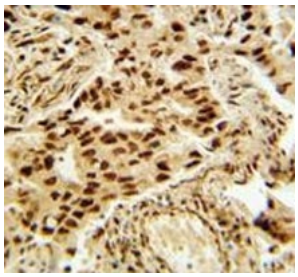
Catalog No.	Formulation	Size
F51899-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51899-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

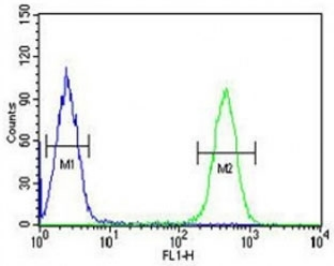
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Chicken
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q92769
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50 Immunofluorescence : 1:10-1:50
Limitations	This HDAC2 antibody is available for research use only.



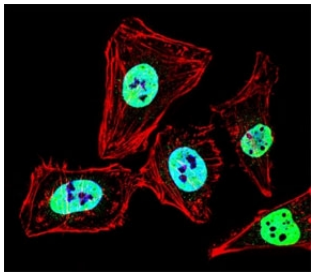
HDAC2 antibody western blot analysis in SH-SY5Y lysate. Predicted molecular weight: 55-60 kDa.



HDAC2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma



HDAC2 antibody flow cytometric analysis of K562 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Fluorescent confocal image of HeLa cell stained with HDAC2 antibody at 1:25. HDAC2 immunoreactivity is localized to the nucleus.

Description

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.

Application Notes

Titration of the HDAC2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 410-439 from the human protein was used as the immunogen for this HDAC2 antibody.

Storage

Aliquot the HDAC2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.