



HDAC2 rabbit pAb

Cat No.:ES2499

For research use only

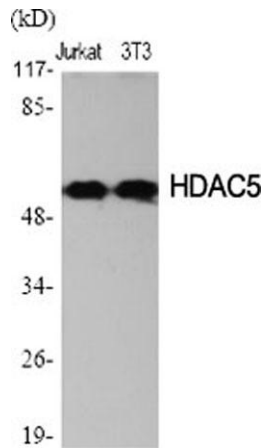
Overview

Product Name	HDAC2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human HDAC2. AA range:360-409
Specificity	HDAC2 Polyclonal Antibody detects endogenous levels of HDAC2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Histone deacetylase 2
Gene Name	HDAC2
Cellular localization	Nucleus . Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	55kD
Human Gene ID	3066
Human Swiss-Prot Number	Q92769
Alternative Names	HDAC2; Histone deacetylase 2; HD2
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

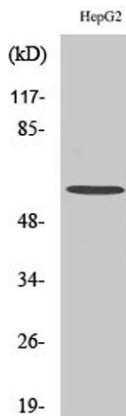




repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2010],

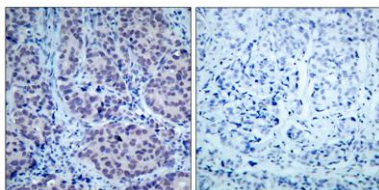


Western Blot analysis of various cells using HDAC2 Polyclonal Antibody diluted at 1:2000



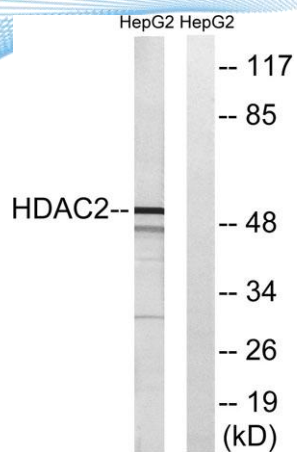
Western Blot analysis of HepG2 cells using HDAC2 Polyclonal Antibody diluted at 1:2000

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using HDAC2 Antibody. The picture on the right is blocked with the synthesized peptide.





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Western blot analysis of lysates from HepG2 cells, using HDAC2 Antibody. The lane on the right is blocked with the synthesized peptide.



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