OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA590734

HDAC2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	WB 1:5000~20000, IHC 1:150,ELISA 1:100-1:2000
Reactivity:	Human, Dog, Rat, Monkey, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DNA immunization. This antibody is specific for the C Terminus Region of the target protein.
Formulation:	20 mM Potassium Phosphate, 150 mM Sodium Chloride, pH 7.0
Concentration:	0.66934 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	histone deacetylase 2
Database Link:	NP_001518 Entrez Gene 15182 MouseEntrez Gene 84577 RatEntrez Gene 475035 DogEntrez Gene 694662 MonkeyEntrez Gene 3066 Human Q92769
Background:	Histone deacetylase 2 (HDAC2), or transcriptional regulator homolog RPD3 L1, is highly homologous to the yeast transcription factor RPD3 (reduced potassium dependency 3) gene. As in yeast, human HDA2 is likely to be involved in regulating chromatin structure during transcription. It has been implicated to associate with YY1, a mammalian zinc-finger transcription factor, which negatively regulates transcription by tethering RPD3 to DNA as a cofactor. This process is highly conserved from yeast to human.
Synonyms:	HD2; RPD3; YAF1

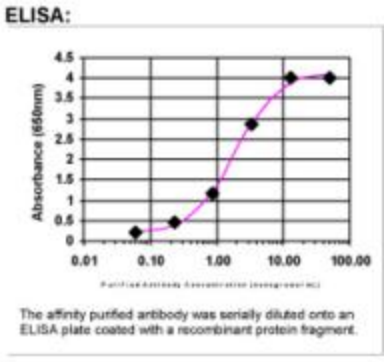
View online »

Note: This antibody was generated by SDIX's Genomic Antibody Technology ® (GAT).Learn about GAT

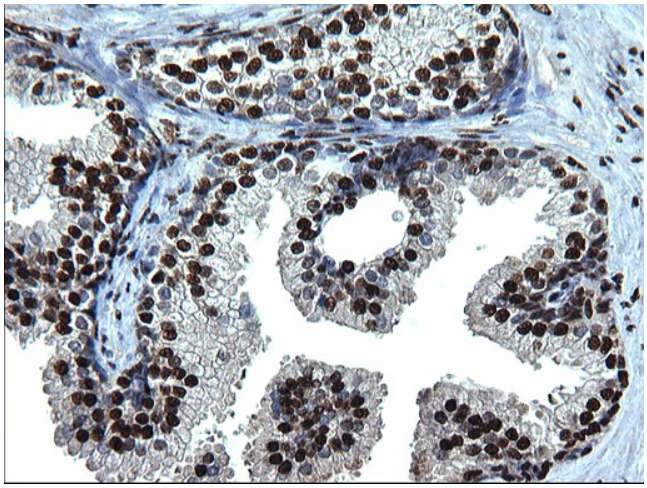
Protein Families: Druggable Genome, Stem cell - Pluripotency, Transcription Factors

Protein Pathways: Cell cycle, Chronic myeloid leukemia, Huntington's disease, Notch signaling pathway, Pathways in cancer

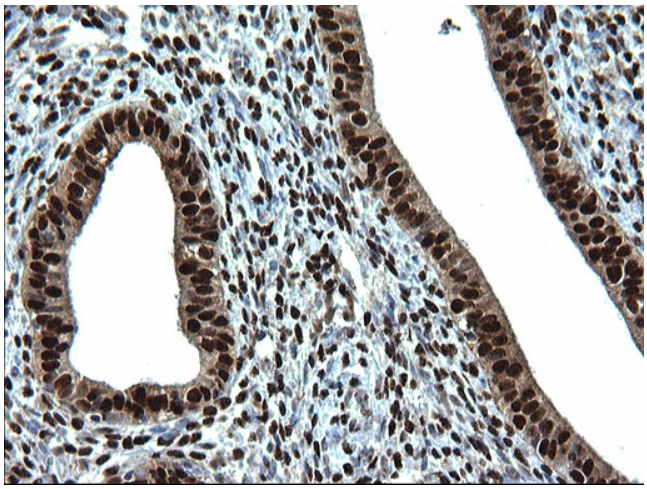
Product images:



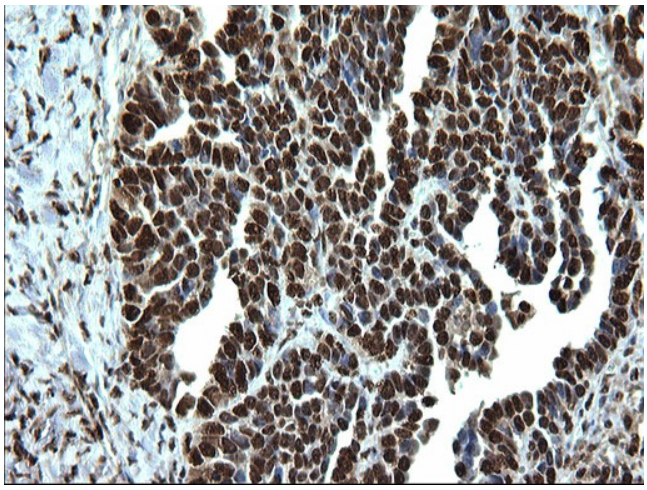
ELISA: HDAC2 Antibody



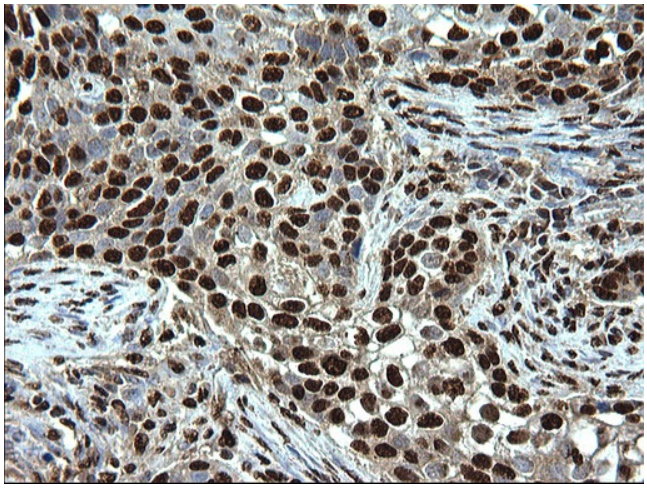
Immunohistochemical staining of paraffin-embedded Human prostate tissue using anti-HDAC2 rabbit polyclonal antibody. (TA590734)



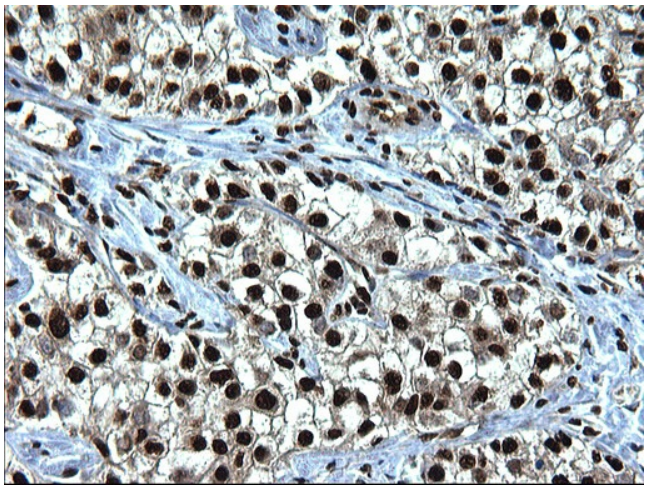
Immunohistochemical staining of paraffin-embedded Human endometrium tissue using anti-HDAC2 rabbit polyclonal antibody. (TA590734)



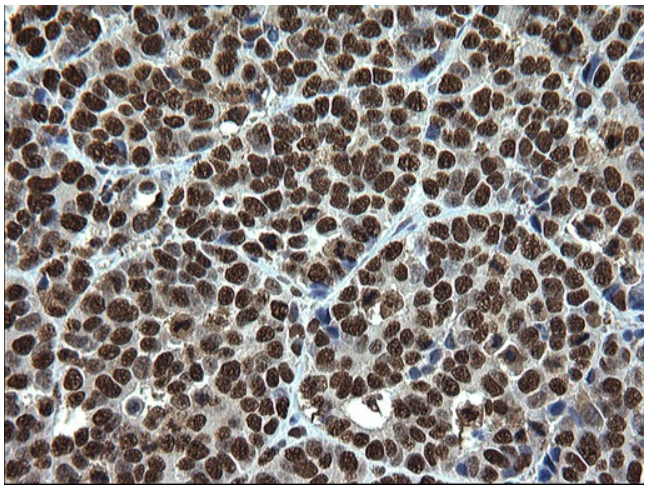
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-HDAC2 rabbit polyclonal antibody. (TA590734)



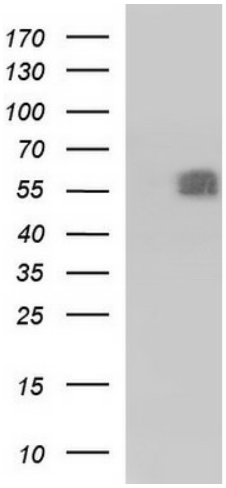
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-HDAC2 rabbit polyclonal antibody. (TA590734)



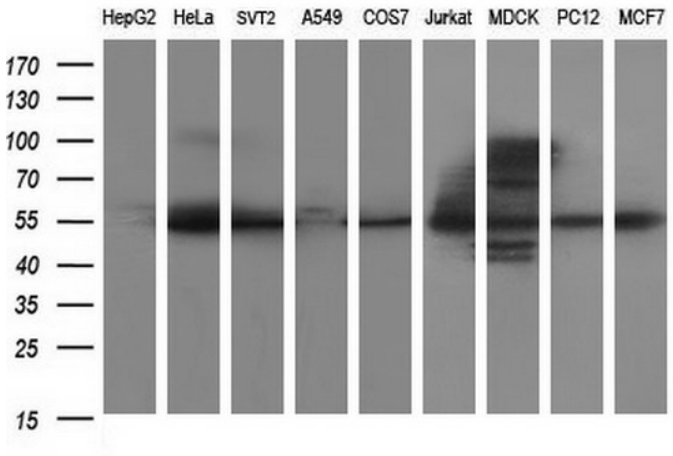
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-HDAC2 rabbit polyclonal antibody. (TA590734)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-HDAC2 rabbit polyclonal antibody. (TA590734)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HDAC2 ([RC224919], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HDAC2. Positive lysates [LY419878] (100ug) and [LC419878] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-HDAC2 polyclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).