

Datasheet for ABIN6242378
anti-HDAC2 antibody (C-Term)[Go to Product page](#)

6 Images

Overview

Quantity:	400 µL
Target:	HDAC2
Binding Specificity:	AA 456-488, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This HDAC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 456-488 amino acids from the C-terminal region of human HDAC2.
Clone:	RB5718
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	HDAC2
Alternative Name:	HDAC2 (HDAC2 Products)

Target Details

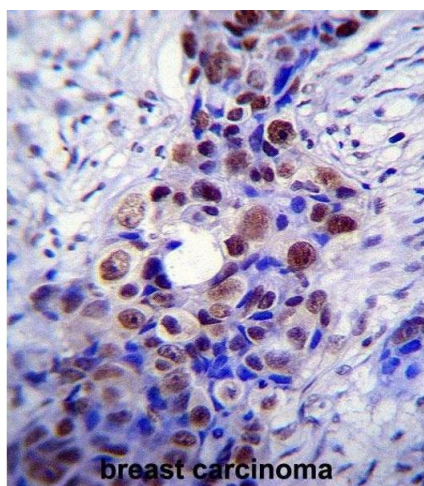
Background:	Histone deacetylase 2 (HDAC2), or transcriptional regulator homolog RPD3 L1, is highly homologous to the yeast transcription factor RPD3 (reduced potassium dependency 3) gene. As in yeast, human HDA2 is likely to be involved in regulating chromatin structure during transcription. It has been 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.
Molecular Weight:	55364
NCBI Accession:	NP_001518
UniProt:	Q92769
Pathways:	Neurotrophin Signaling Pathway , Regulation of Muscle Cell Differentiation , Negative Regulation of intrinsic apoptotic Signaling , SARS-CoV-2 Protein Interactome , The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	IF: 1:10~50. IF: 1:10~50. WB: 1:1000. WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

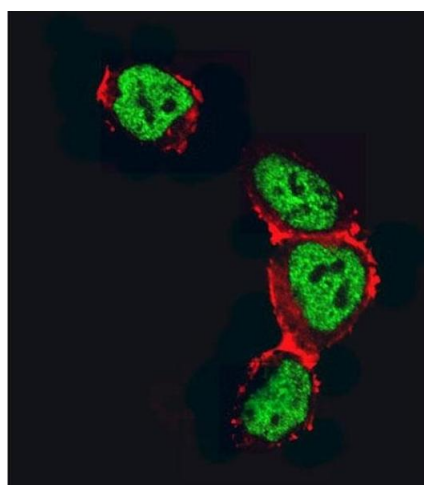
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



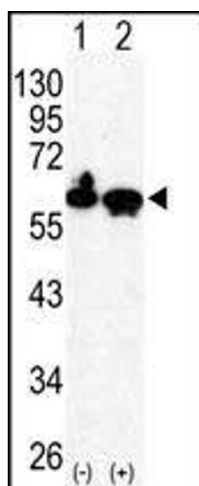
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. HDAC2 Antibody (C-term) (ABIN6242378 and ABIN6577318) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HDAC2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of HDAC2 Antibody (C-term) (ABIN6242378 and ABIN6577318) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).



Western Blotting

Image 3. Western blot analysis of HDAC2 (arrow) using rabbit polyclonal HDAC2 Antibody (C-term) (ABIN6242378 and ABIN6577318). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the HDAC2 gene (Lane 2) (Origene Technologies).

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN6242378.