

Datasheet for ABIN2777505  
**anti-HDAC2 antibody (Middle Region)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	HDAC2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Rabbit, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Chromatin Immunoprecipitation (ChIP)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HDAC2
Sequence:	HKKGAKKARI EEDKKETEDK KTDVKEEDKS KDNSGEKTD T KGTKSEQLSN
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HDAC2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	HDAC2
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## Target Details

Alternative Name:	HDAC2 ( <a href="#">HDAC2 Products</a> )
Background:	<p>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.</p> <p>Alias Symbols: RPD3, YAF1, HD2</p> <p>Protein Interaction Partner: BRCA1, SUMO1, UBC, SMAD7, SMAD2, MXD1, NCOR2, SUMO2, SFPQ, KDM5A, HDAC1, DDB1, CUL4B, CHFR, KDM1A, KDM5B, NFE2L2, PRDM6, DNMT3B, DNMT1, NACC2, HIST1H4A, HIST1H3A, HIST2H2BE, HIST2H2AC, PRDM1, EED, RNF2, SP1, CHD4, CHD3, ACTL6A, C16orf87, HMG20A, HMG20B, C</p> <p>Protein Size: 582</p>
Molecular Weight:	65 kDa
Gene ID:	3066
NCBI Accession:	<a href="#">NM_001527</a> , <a href="#">NP_001518</a>
Pathways:	<a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Negative Regulation of intrinsic apoptotic Signaling</a> , <a href="#">SARS-CoV-2 Protein Interactome</a> , <a href="#">The Global Phosphorylation Landscape of SARS-CoV-2 Infection</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 582 AA
Restrictions:	For Research Use only

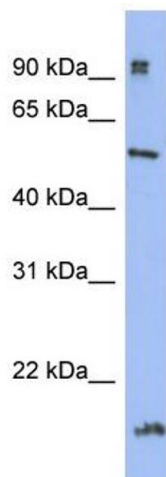
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

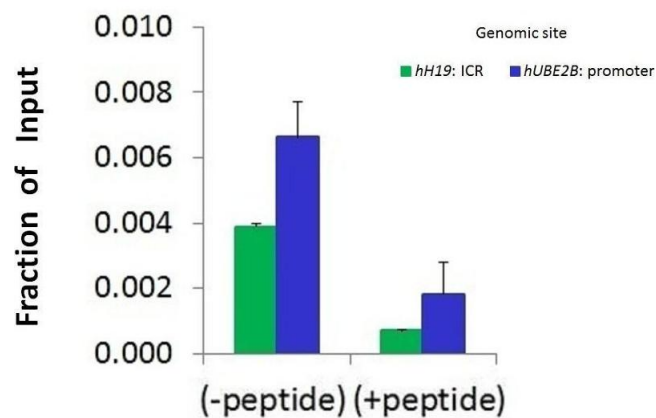
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



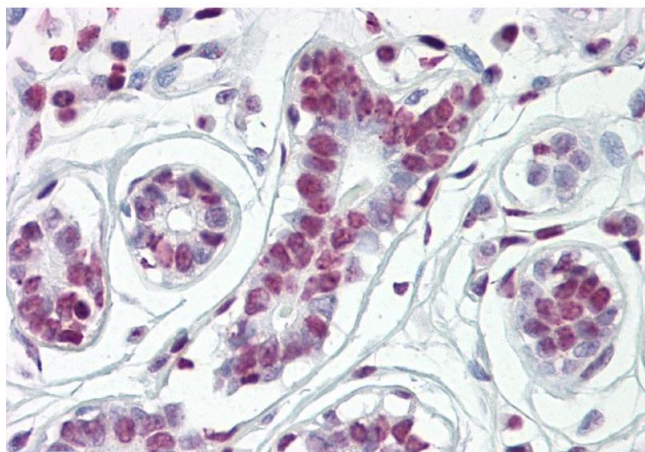
Western Blotting

**Image 1.** WB Suggested Anti-HDAC2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: HT1080 cell lysate



Chromatin Immunoprecipitation

**Image 2.** Chromatin Immunoprecipitation (ChIP) Using HDAC2 antibody - middle region and HCT116 Cells



Immunohistochemistry

**Image 3.** IHC Suggested Anti-HDAC2 antibody Titration: 5ug/ ml Positive Control: Breast

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2777505.