

## Rabbit Anti-HDAC2 Polyclonal Antibody

CPB-1043RH Rabbit(HDAC2)

Lot. No. (See product label)

### PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit Anti-HDAC2 Polyclonal Antibody
<b>Antigen Description</b>	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes.
<b>specificity</b>	The antibody detects endogenous level of total HDAC2 protein.
<b>Target</b>	HDAC2
<b>Immunogen</b>	Peptide sequence around aa.392~396 (E-D-S-G-D) derived from Human HDAC2.
<b>Host</b>	Rabbit
<b>Species</b>	Human
<b>Cross Reactivity</b>	Human; Mouse; Rat
<b>conjugation</b>	N/A
<b>Applications</b>	IFA,WB,IHC

### PACKAGING

<b>Format</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at -20°C /1 year

### ANTIGEN GENE INFORMATION

<b>Gene Name</b>	<a href="#">HDAC2 histone deacetylase 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	HDAC2
<b>Synonyms</b>	HDAC2; histone deacetylase 2; RPD3; YAF1; YY1-associated factor 1; transcriptional regulator homolog RPD3; HD2;
<b>GeneID</b>	<a href="#">3066</a>
<b>mRNA Refseq</b>	<a href="#">NM_001527</a>
<b>Protein Refseq</b>	<a href="#">NP_001518</a>
<b>MIM</b>	<a href="#">605164</a>
<b>UniProt ID</b>	Q92769
<b>Chromosome Location</b>	6q21
<b>Pathway</b>	Cell cycle, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; Chronic myeloid leukemia, organism-specific biosystem; Chronic myeloid leukemia, conserved biosystem; Delta-Notch Signaling Pathway, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem;

**Function**

NAD-dependent histone deacetylase activity (H3-K14 specific); NAD-dependent histone deacetylase activity (H3-K9 specific); NAD-dependent histone deacetylase activity (H4-K16 specific); chromatin binding; enzyme binding; histone deacetylase activity; histone deacetylase activity (H3-K16 specific); hydrolase activity; protein binding; protein deacetylase activity; sequence-specific DNA binding; transcription factor binding;