

Datasheet for ABIN5542324
anti-HDAC2 antibody (AA 217-327)

3 Images

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Overview

Quantity:	0.1 mg
Target:	HDAC2
Binding Specificity:	AA 217-327
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HDAC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human HDAC2 (AA: 217-327) expressed in E. coli.
Clone:	4C10C3
Isotype:	IgG1
Purification:	purified

Target Details

Target:	HDAC2
Alternative Name:	HDAC2 (HDAC2 Products)
Background:	Description: This gene product belongs to the histone deacetylase family. Histone deacetylases

Target Details

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.,

Aliases: HD2, RPD3, YAF1

Molecular Weight: 55.4 kDa

Gene ID: 3066

HGNC: 3066

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: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: , FCM:

Restrictions: For Research Use only

Handling

Format: Liquid

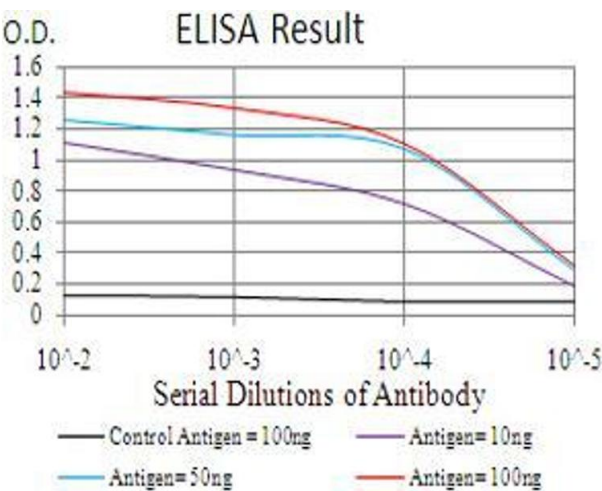
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

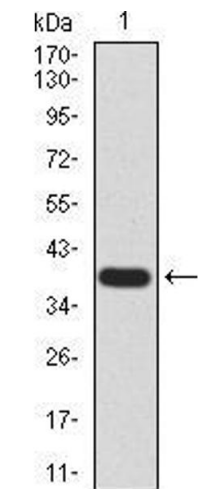
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



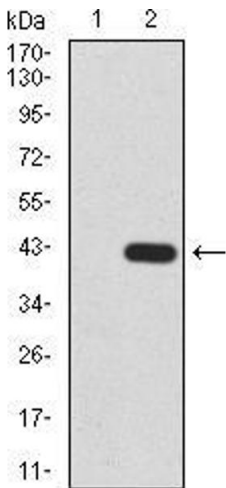
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Western Blotting

Image 2. Western blot analysis using HDAC2 mAb against human HDAC2 (AA: 217-327) recombinant protein. (Expected MW is 38.1 kDa)



Western Blotting

Image 3. Western blot analysis using HDAC2 mAb against HEK293 (1) and HDAC2 (AA: 217-327)-hlgGFc transfected HEK293 (2) cell lysate.