

Datasheet for ABIN356659

anti-HDAC11 antibody (N-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	HDAC11
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human HDAC11.
Isotype:	Ig Fraction
Specificity:	This antibody is specific to HDAC11 (N-term).
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	HDAC11
Alternative Name:	HDAC11 (HDAC11 Products)

Target Details

Background:	HDAC11 is 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. The predominantly nuclear HDAC11, which interacts with HDAC6, is weakly expressed in most tissues, and strongly expressed in brain, heart, skeletal muscle, kidney and testis. Its activity is inhibited by trapoxin, a known histone deacetylase inhibitor.Synonyms: HD11, Histone deacetylase 11
Gene ID:	79885, 9606
UniProt:	Q96DB2

Application Details

Application Notes:	ELISA: 1/1,000. Western blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative.
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

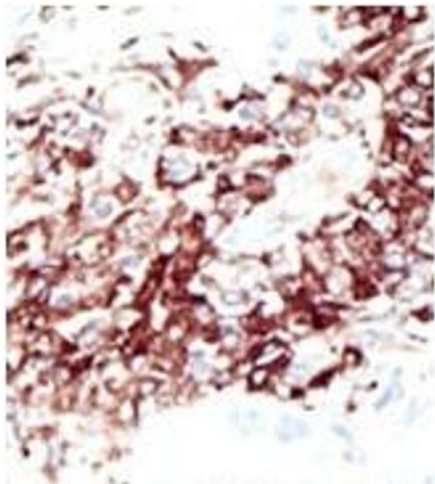


Image 1.

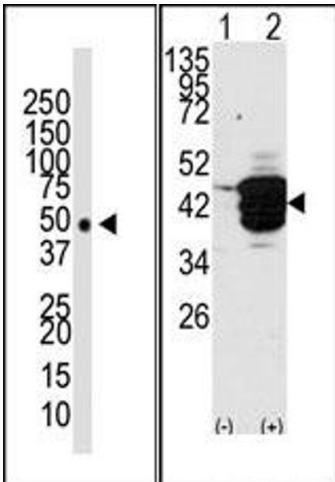


Image 2.