Datasheet for ABIN2668681

anti-HDAC3 antibody (AA 2-17)

1 Image | 3 Publications

Go to Product page

Overview

Quantity:	100 µg
Target:	HDAC3
Binding Specificity:	AA 2-17
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HDAC3 antibody was raised against a synthetic peptide corresponding to amino acid residues 2-17 of human HDAC3.
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	HDAC3
Alternative Name:	HDAC3 (HDAC3 Products)
Molecular Weight:	50 kDa
Gene ID:	8841

Target Details

Pathways:	Neurotrophin Signaling Pathway, Regulation of Lipid Metabolism by PPARalpha, Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

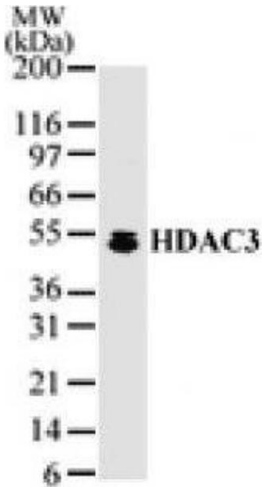
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.5 µg/µL
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 and keep on ice when not in storage.
Storage:	-80 °C
Storage Comment:	Antibodies in solution can be stored at -80 °C for 2 years.
Expiry Date:	6 months

Publications

Product cited in:	Liu, Gu, Feng, Yang, Zhu, Lu, Qi: "Both HDAC5 and HDAC6 are required for the proliferation and metastasis of melanoma cells." in: **Journal of translational medicine**, Vol. 14, pp. 7, (2016) (PubMed). Imbriano, Gurtner, Cocchiarella, Di Agostino, Basile, Gostissa, Dobbelstein, Del Sal, Piaggio, Mantovani: "Direct p53 transcriptional repression: in vivo analysis of CCAAT-containing G2/M promoters." in: **Molecular and cellular biology**, Vol. 25, Issue 9, pp. 3737-51, (2005) (PubMed). Caretti, Salsi, Vecchi, Imbriano, Mantovani: "Dynamic recruitment of NF-Y and histone acetyltransferases on cell-cycle promoters." in: **The Journal of biological chemistry**, Vol. 278, Issue 33, pp. 30435-40, (2003) (PubMed).



Western Blotting

Image 1. HDAC3 pAb tested by Western blot. Detection of HDAC2 by Western blot. The analysis was performed using HeLa nuclear extract and HDAC3 pAb. A protein band of approximate molecular weight of 50 kDa was detected.