



HDAC4 Polyclonal Antibody

Cat #: ABP51502

Size: 30µl /100µl /200µl

Product Information

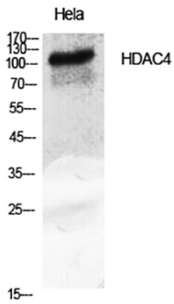
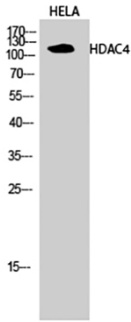
	Product Name: HDAC4 Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP51502	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. Histone deacetylase 4 encoded by HDAC4 belongs to class II of the histone deacetylase/acuc/apha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. Histone deacetylase 4 does not bind DNA directly, but through transcription factors MEF2C and MEF2D. It seems to interact in a multiprotein complex with RbAp48 and HDAC3.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

 <p>HeLa</p> <p>170— 130— 100— 70— 55— 45— 35— 25— 15—</p> <p>HDAC4</p>	<p>Fig.1. Western Blot analysis of various cells using HDAC4 Polyclonal Antibody diluted at 1:2000.</p>
 <p>HELA</p> <p>170— 130— 100— 70— 55— 40— 35— 25— 15—</p> <p>HDAC4</p>	<p>Fig.2. Western Blot analysis of hela cells using HDAC4 Polyclonal Antibody diluted at 1:2000.</p>

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