Product Datasheet

HDAC4 Rabbit mAb

Catalog No: #59145

Package Size: #59145-1 50ul #59145-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	HDAC4 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	20E12
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF
Species Reactivity	Human
Specificity	HDAC4 Antibody detects endogenous levels of HDAC4
Immunogen Description	A synthesized peptide derived from human HDAC4
Target Name	HDAC4
Other Names	Histone deacetylase 4; HD4; HDAC4; AHO3; BDMR;
Accession No.	Uniprot:P56524
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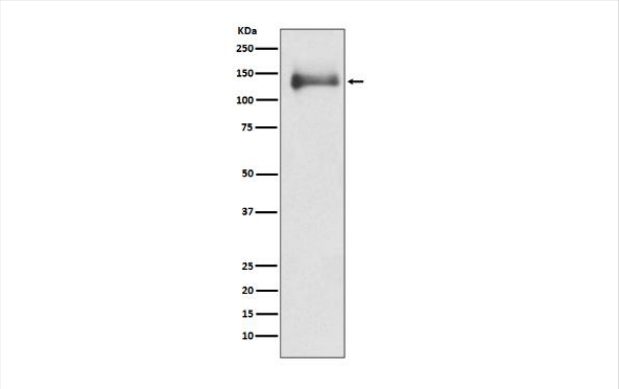
Calculated MW	140kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

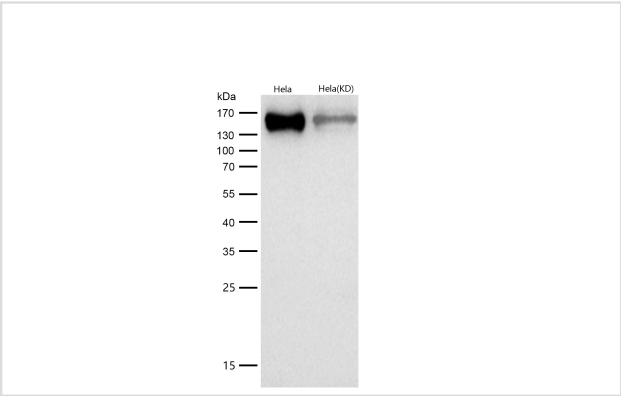
Application Details

WB 1:1000~1:2000 ICC/IF 1:50~1:200

Images



All Lanes: HDAC4 Antibody at 1/ 500 dilution.Lane1:Hela lysate.Proteins at 20ug per laneSecondary: Goat Anti-Rabbit IgG(HRP) at 1/20000 dilutionPredicted band size : 140kDaObserved band size: 140kDa



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

Product Description

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. Involved in muscle maturation via its interaction with the myocyte enhancer factors such as MEF2A, MEF2C and MEF2D.

Background

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Note: This product is for in vitro research use only