

Datasheet for ABIN1531607
anti-HDAC3 antibody (pSer424)



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3 Images

Overview

Quantity:	100 µL
Target:	HDAC3
Binding Specificity:	AA 379-428, pSer424
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human HDAC3 around the phosphorylation site of Ser424.
Isotype:	IgG
Specificity:	HDAC3 (Phospho-Ser424) Antibody detects endogenous levels of HDAC3 only when phosphorylated at Ser424. PhosphorylationH:S424 M:S424 R:S424
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

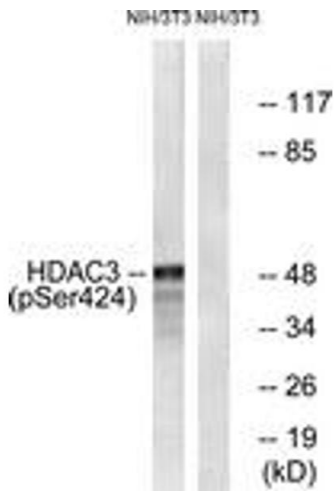
Target:	HDAC3
Alternative Name:	HDAC3 (HDAC3 Products)
Background:	Synonyms: HD3, Histone deacetylase 3, RPD3-2, SMAP45 NCBI Gene Symbol: HDAC3
Molecular Weight:	48 kDa
Gene ID:	8841
OMIM:	605166
UniProt:	O15379
Pathways:	Neurotrophin Signaling Pathway , Regulation of Lipid Metabolism by PPARalpha , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.519632 (NCBI Gene Symbol: HDAC3)
Restrictions:	For Research Use only

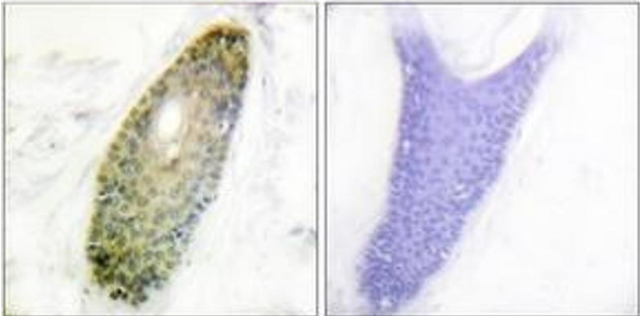
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



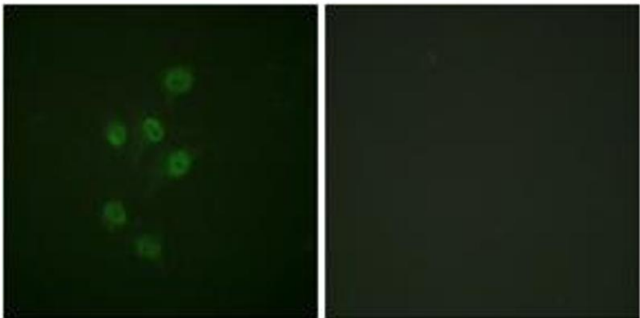
Western Blotting

Image 1. Western blot analysis of extracts from NIH-3T3 cells, using HDAC3 (Phospho-Ser424) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human skin, using HDAC3 (Phospho-Ser424) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of A549 cells, using HDAC3 (Phospho-Ser424) Antibody. The picture on the right is treated with the synthesized peptide.