

Datasheet for ABIN5579667

**anti-HDAC4 antibody (pSer220, pSer246, pSer259)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	HDAC4
Binding Specificity:	pSer220, pSer246, pSer259
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic phosphopeptide of HDAC4/HDAC5/HDAC9.
Immunogen:	Synthetic phosphopeptide corresponding to residues surrounding S246/259/220 of human HDAC4/HDAC5/HDAC9.
Sequence:	T-A-Sp- E-P
Cross-Reactivity:	Human, Mouse

## Target Details

Target:	HDAC4
Alternative Name:	HDAC4 ( <a href="#">HDAC4 Products</a> )
Background:	Full Gene Name: histone deacetylase 4

## Target Details

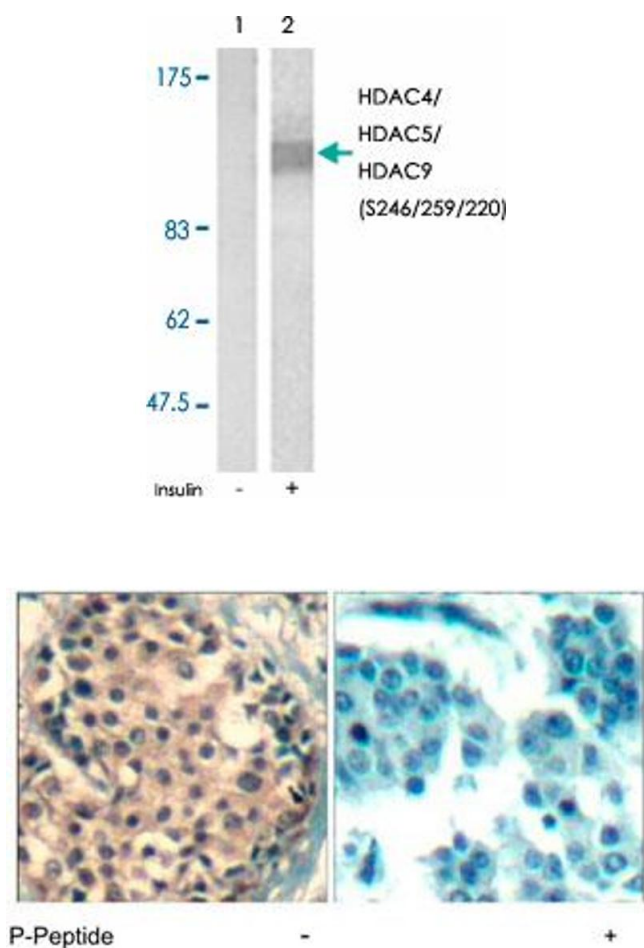
	Synonyms: HA6116,HD4,HDAC-A,HDACA,KIAA0288
Gene ID:	9759, 10014, 9734
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a>

## Application Details

Application Notes:	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	In PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 150 mM NaCl, pH 7.4 (50 % glycerol, 0.02 % sodium azide)
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:	Store at -20°C. Aliquot to avoid repeated freezing and thawing.



### Western Blotting

**Image 1.** Western blot analysis of extracts from NIH/3T3 cell using HDAC4/HDAC5/HDAC9 (phospho S246/259/220) polyclonal antibody .

### Immunohistochemistry

**Image 2.** Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HDAC4/HDAC5/HDAC9 (phospho S246/259/220) polyclonal antibody .