

Datasheet for ABIN7267714

**anti-HDAC8 antibody**

## 7 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	HDAC8
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HDAC8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

## Product Details

Purpose:	[KO Validated] HDAC8 Rabbit mAb
Immunogen:	A synthesized peptide derived from human HDAC8
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification
Grade:	KO Validated

## Target Details

Target:	HDAC8
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## Target Details

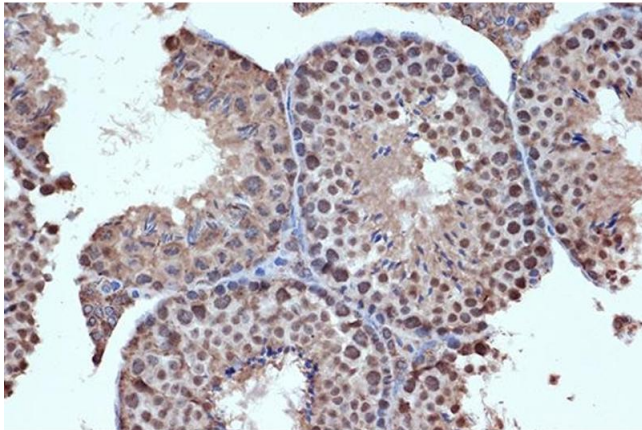
Alternative Name:	HDAC8 ( <a href="#">HDAC8 Products</a> )
Background:	Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class I of the histone deacetylase family. It catalyzes the deacetylation of lysine residues in the histone N-terminal tails and represses transcription in large multiprotein complexes with transcriptional co-repressors. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009],CDA07, CDLS5, HD8, HDACL1, MRXS6, RPD3, WTS,Cardiovascular,Epigenetics & Nuclear Signaling,Heart,Heart_Hypertrophy,Immunology & Inflammation,NF-kB Signaling Pathway,Nuclear Receptor Signaling,Stem Cells,HDAC8
Molecular Weight:	42kDa
Gene ID:	55869
UniProt:	<a href="#">Q9BY41</a>
Pathways:	<a href="#">Cellular Glucan Metabolic Process</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200,IP,1:50 - 1:200
Restrictions:	For Research Use only

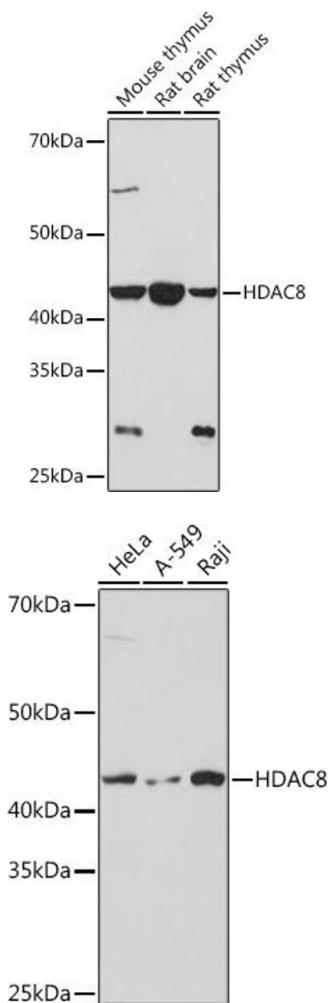
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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. Avoid freeze / thaw cycles.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded mouse testis using HD Rabbit mAb (ABIN7267714) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using HD Rabbit mAb (ABIN7267714) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.

### Western Blotting

**Image 3.** Western blot analysis of extracts of various cell lines, using HD Rabbit mAb (ABIN7267714) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1 s.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7267714.