

## Product datasheet for **TA324523**

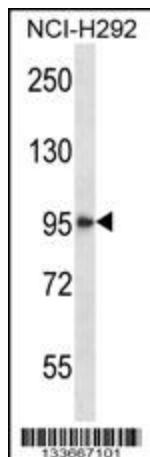
### HDAC4 Rabbit Polyclonal Antibody

#### Product data:

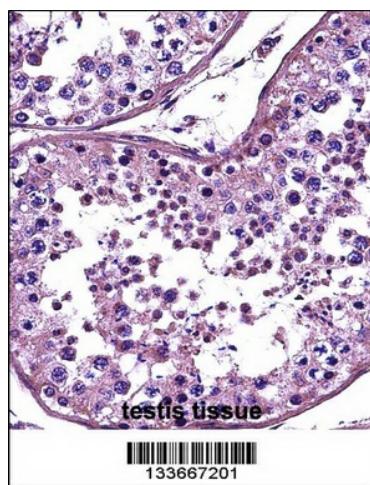
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:10~50, IF: 1:10~50
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This HDAC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1049-1077 amino acids from the C-terminal region of human HDAC4.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	119040 Da
Gene Name:	histone deacetylase 4
Database Link:	<a href="#">NP_006028</a> <a href="#">Entrez Gene 9759 Human</a> <a href="#">P56524</a>
Synonyms:	AHO3; BDMR; HA6116; HD4; HDAC-4; HDAC-A; HDACA
Protein Families:	Druggable Genome, Transcription Factors



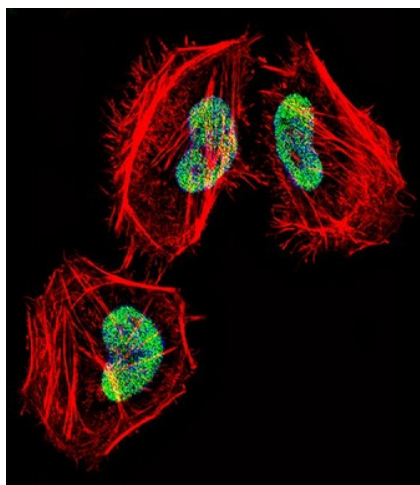
[View online »](#)

**Product images:**

HDAC4 Antibody (C-term) (Cat. #TA324523) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the HDAC4 antibody detected the HDAC4 protein (arrow).



HDAC4 Antibody (C-term) (Cat. #TA324523) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HDAC4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



IF image of HeLa cell stained with HDAC4 Antibody (C-term) (Cat#TA324523). HeLa cells were incubated with HDAC4 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (1:400). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/ml). Nuclei were counterstained with DAPI (blue). HDAC4 immunoreactivity is localized to Nucleus significantly.