

Product datasheet for **TA349342S**

HDAC8 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: 293T cells IHC: 50-200 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human HDAC8
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Gene Name:	histone deacetylase 8
Database Link:	NP_060956 Entrez Gene 70315 MouseEntrez Gene 363481 RatEntrez Gene 55869 Human Q9BY41
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.

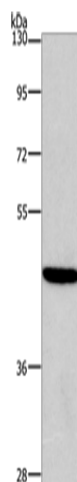


[View online »](#)

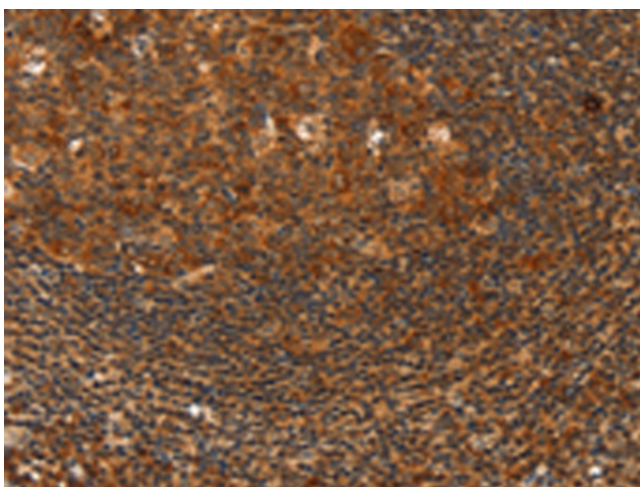
Synonyms: CDA07; CDLS5; HD8; HDACL1; MRXS6; RPD3; WTS

Protein Families: Druggable Genome, Transcription Factors

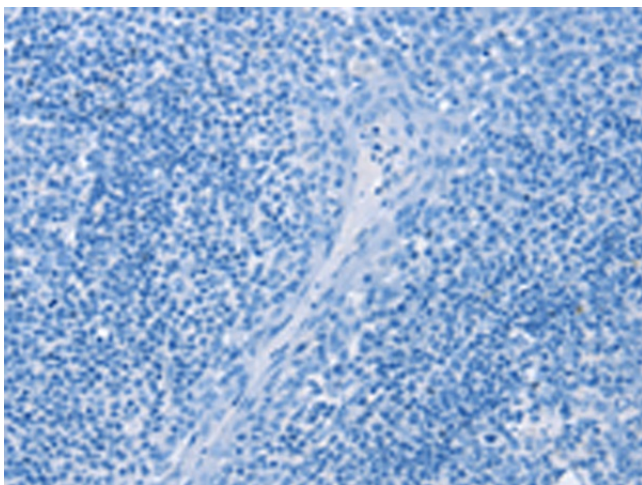
Product images:



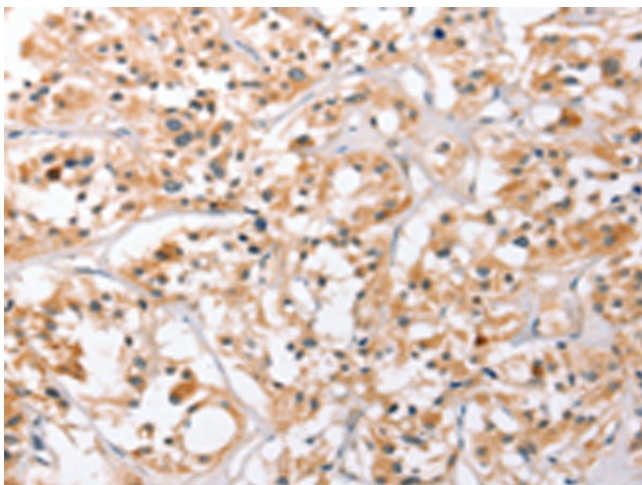
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: 293T cells
Primary antibody: [TA349342] (HDAC8 Antibody) at dilution 1/950
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 3 seconds



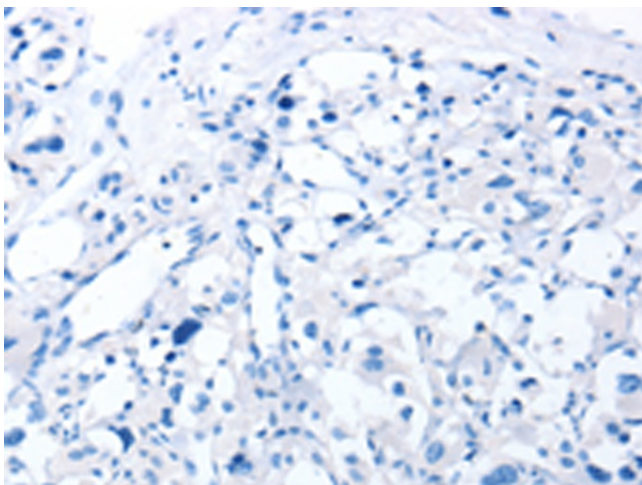
Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA349342] (HDAC8 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA349342] (HDAC8 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA349342] (HDAC8 Antibody) at dilution 1/40 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA349342] (HDAC8 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)