

Product Datasheet

Histone Deacetylase 8/HDAC8 Antibody - BSA Free NBP2-14085

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-14085

Histone Deacetylase 8/HDAC8 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

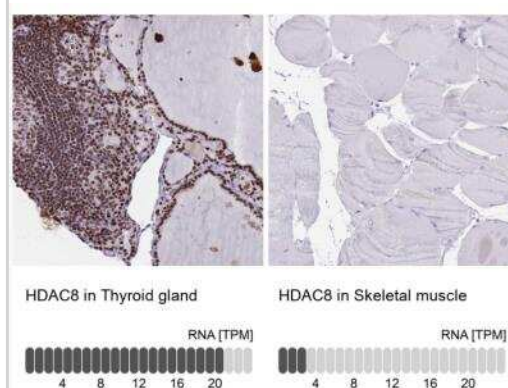
Host	Rabbit
Gene ID	55869
Gene Symbol	HDAC8
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: VLKEVYQAFNPKAVVLQLGADTIAGDPMCSFNMTVPVGIGKCLKYILQWQLATLIL GGGGYNLANTARCWTYLTGVILGKTLSSSEIPDHEF

Product Application Details

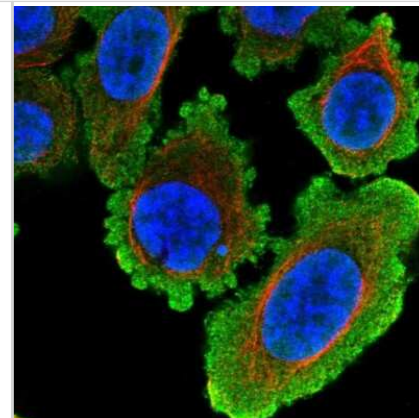
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

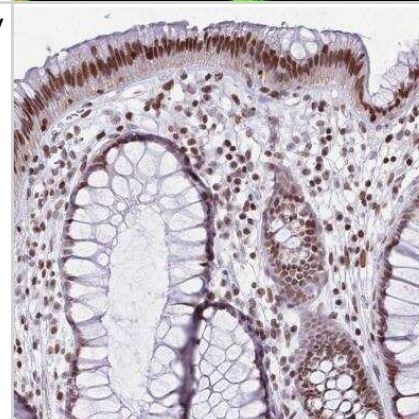
Immunohistochemistry-Paraffin: Histone Deacetylase 8/HDAC8 Antibody [NBP2-14085] - Analysis in human thyroid gland and skeletal muscle tissues. Corresponding HDAC8 RNA-seq data are presented for the same tissues.



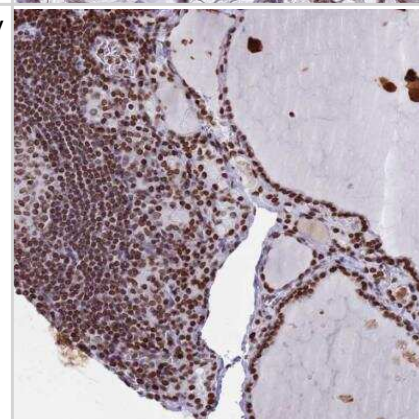
Immunocytochemistry/Immunofluorescence: Histone Deacetylase 8/HDAC8 Antibody [NBP2-14085] - Staining of human cell line PC-3 shows localization to nucleus & plasma membrane. Antibody staining is shown in green.



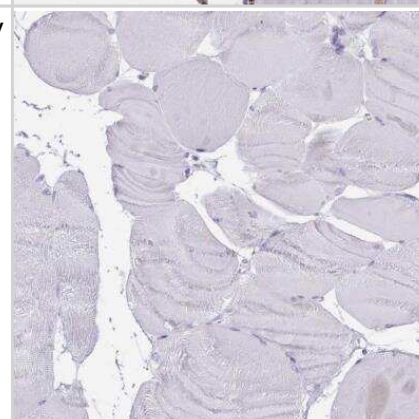
Immunohistochemistry-Paraffin: Histone Deacetylase 8/HDAC8 Antibody [NBP2-14085] - Staining of human rectum shows moderate to strong nuclear positivity in glandular cells, as well as in lymphoid cells.



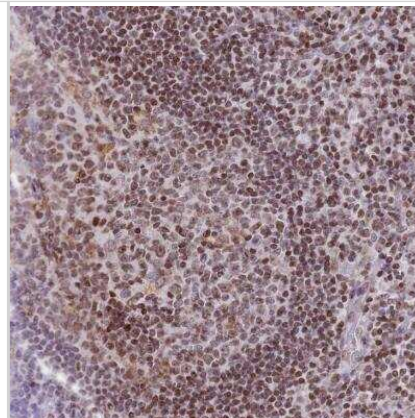
Immunohistochemistry-Paraffin: Histone Deacetylase 8/HDAC8 Antibody [NBP2-14085] - Staining of human thyroid gland shows strong nuclear positivity in glandular cells.



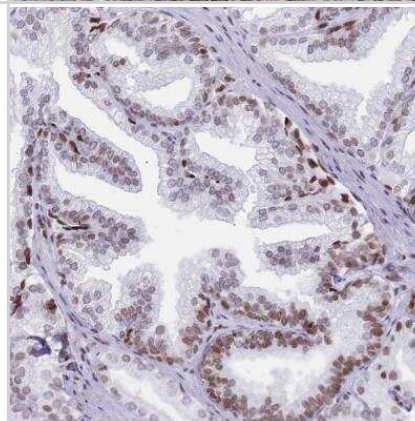
Immunohistochemistry-Paraffin: Histone Deacetylase 8/HDAC8 Antibody [NBP2-14085] - Staining of human skeletal muscle shows no positivity in myocytes.



Immunohistochemistry-Paraffin: Histone Deacetylase 8/HDAC8 Antibody [NBP2-14085] - Staining of human tonsil shows strong nuclear positivity in germinal center cells.



Immunohistochemistry-Paraffin: Histone Deacetylase 8/HDAC8 Antibody [NBP2-14085] - Staining of human prostate shows moderate nuclear positivity in glandular cells.



Publications

Emmons, MF;Faiao-Flores, F;Sharma, R;Thapa, R;Messina, JL;Becker, JC;Schadendorf, D;Seto, E;Sondak, VK;Koomen, JM;Chen, YA;Lau, EK;Wan, L;Licht, JD;Smalley, KSM; HDAC8 regulates a stress response pathway in melanoma to mediate escape from BRAF inhibitor therapy Cancer Res. 2019-04-15 [PMID: 30987999] (IF/IHC, Human)



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Products Related to NBP2-14085

NBP2-14085PEP	Histone Deacetylase 8/HDAC8 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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