

Product Datasheet

Histone Deacetylase 2/HDAC2 Antibody - BSA Free NBP1-87109

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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Publications: 1

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NBP1-87109

Histone Deacetylase 2/HDAC2 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
Target Molecular Weight	55 kDa

Product Description

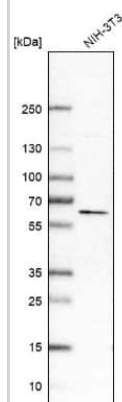
Host	Rabbit
Gene ID	3066
Gene Symbol	HDAC2
Species	Human, Mouse
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IACDEEFSDSEDEGEGRNVADHKKGAKKARIEEDKKETEDKKTDVKEEDKS KDNSGEKTDTKGTKSEQLSNP

Product Application Details

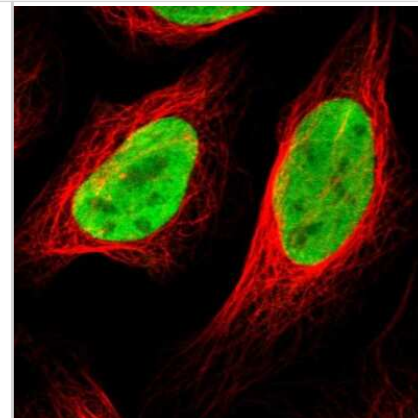
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

Western Blot: Histone Deacetylase 2/HDAC2 Antibody [NBP1-87109] - Analysis in mouse cell line NIH-3T3.



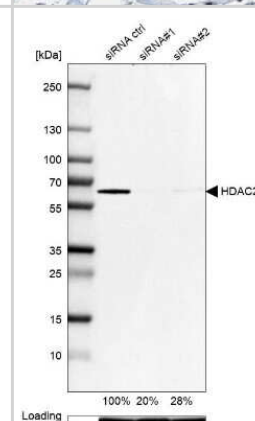
Immunocytochemistry/Immunofluorescence: Histone Deacetylase 2/HDAC2 Antibody [NBP1-87109] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleus.



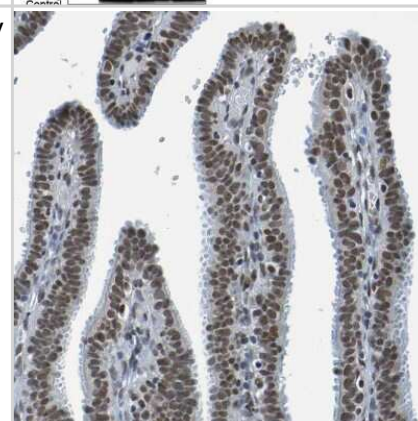
Immunohistochemistry-Paraffin: Histone Deacetylase 2/HDAC2 Antibody [NBP1-87109] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



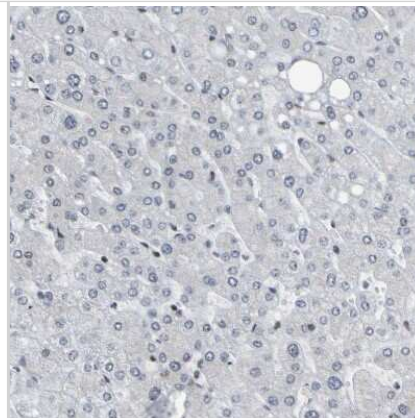
Western Blot: Histone Deacetylase 2/HDAC2 Antibody [NBP1-87109] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-HDAC2 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



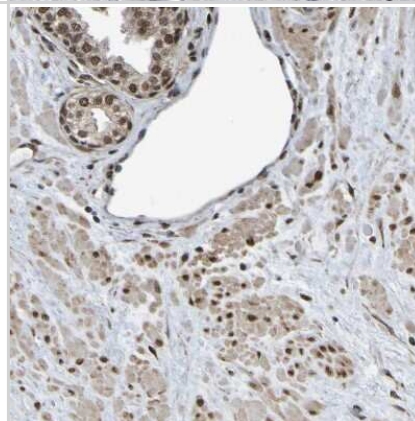
Immunohistochemistry-Paraffin: Histone Deacetylase 2/HDAC2 Antibody [NBP1-87109] - Staining of human Fallopian tube shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: Histone Deacetylase 2/HDAC2 Antibody [NBP1-87109] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: Histone Deacetylase 2/HDAC2 Antibody [NBP1-87109] - Staining of human prostate shows moderate nuclear positivity in smooth muscle cells and glandular cells.



Publications

Wei D, Lu T, Ma D et al. Synergistic activity of imatinib and AR-42 against chronic myeloid leukemia cells mainly through HDAC1 inhibition. Life Sci. 2018-09-21 [PMID: 30248347] (WB, Human)



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Products Related to NBP1-87109

NBP1-87109PEP	Histone Deacetylase 2/HDAC2 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

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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