

Product Datasheet

HDAC5 Antibody (CL8121) - Azide and BSA Free NBP3-44217

Unit Size: 100 ug

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

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NBP3-44217

HDAC5 Antibody (CL8121) - Azide and BSA Free

Product Information

Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL8121
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description

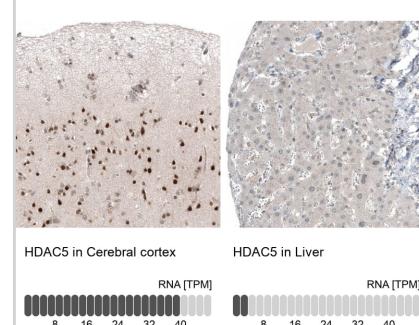
Host	Mouse
Gene ID	10014
Gene Symbol	HDAC5
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of Q9UQL6, with the exact immunogen sequence remaining proprietary.

Product Application Details

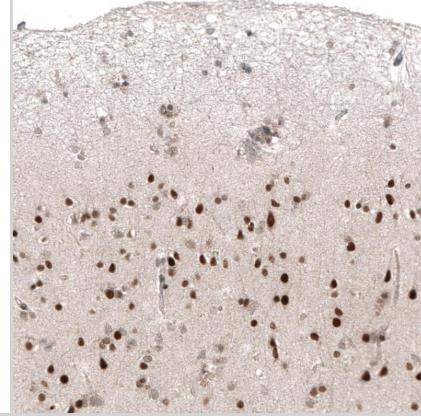
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

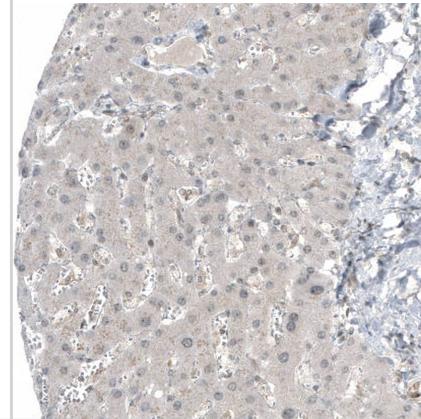
Analysis in human cerebral cortex and liver tissues using NBP3-44217 antibody. Corresponding HDAC5 RNA-seq data are presented for the same tissues.



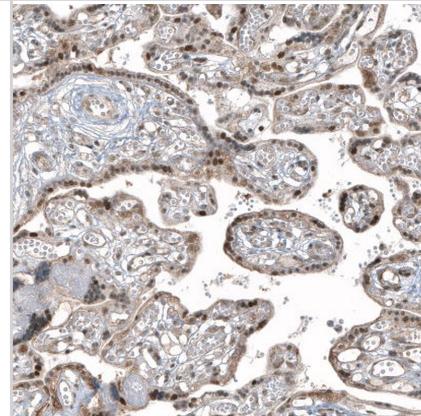
Staining of human cerebral cortex shows strong nuclear positivity in neurons.



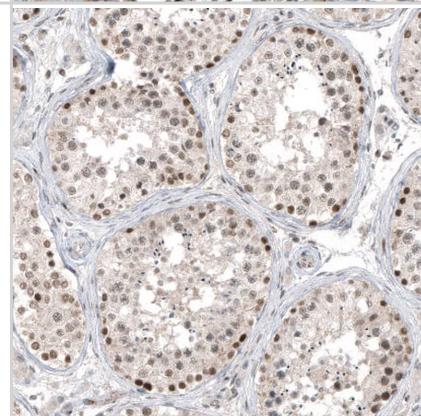
Staining of human liver shows no positivity in hepatocytes as expected.



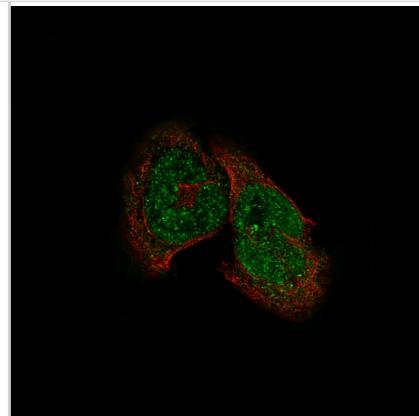
Staining of human placenta shows moderate to strong nuclear positivity in trophoblastic cells.



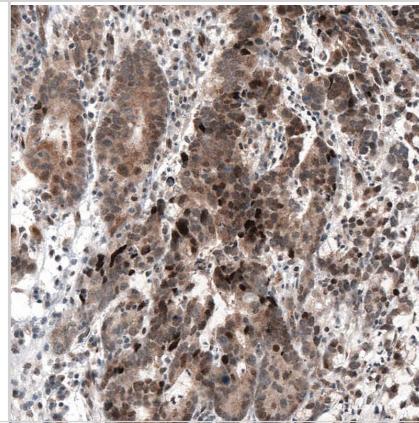
Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



Staining of RH-30 cells using the Anti-HDAC5 monoclonal antibody) .



Staining of human stomach cancer shows moderate to strong cytoplasmic and nuclear positivity.





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Products Related to NBP3-44217

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-22152PEP	HDAC5 Antibody Blocking Peptide

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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