

Product Datasheet

HDAC1 Antibody (2L607)

NBP3-15780-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP3-15780-100ul

HDAC1 Antibody (2L6O7)

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2L6O7
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description

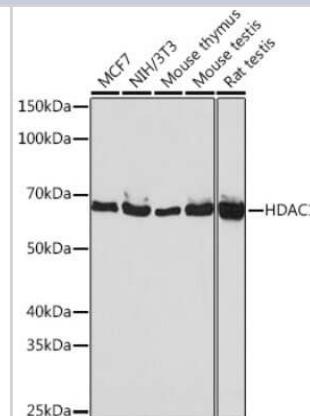
Description	Novus Biologicals Knockout (KO) Validated Rabbit HDAC1 Antibody (2L6O7) (NBP3-15780) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3065
Gene Symbol	HDAC1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 350-450 of human HDAC1 (Q13547). MTNQNTNEYLEKIKQRLFENLRLMLPHAPGVQM QAIPDAIPEESG DEDEDDPD KRISICSSDKRIACEEEFSDSEE EGGRKNSSNFKKAKRVKTEDEKE

Product Application Details

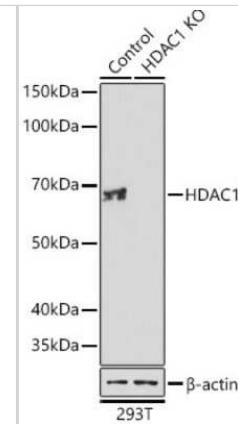
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin, Knockout Validated

Images

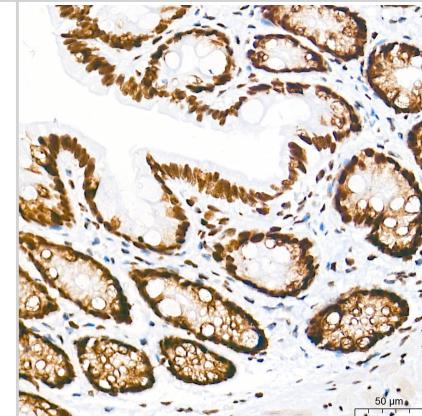
Western Blot: HDAC1 Antibody (2L6O7) [NBP3-15780] - Western blot analysis of extracts of various cell lines, using HDAC1 antibody (NBP3-15780) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



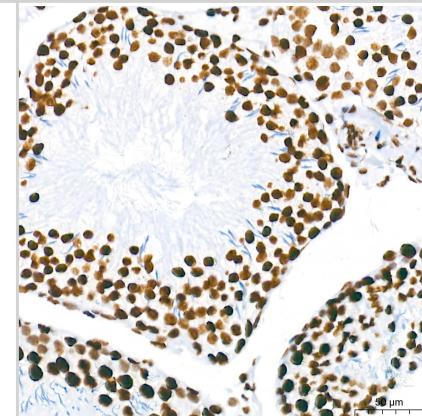
Western Blot: HDAC1 Antibody (2L6O7) [NBP3-15780] - Western blot analysis of extracts from normal (control) and HDAC1 knockout (KO) 293T cells, using HDAC1 antibody (NBP3-15780) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



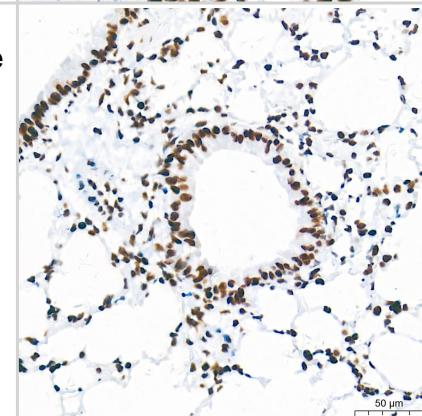
Immunohistochemistry: HDAC1 Antibody (2L6O7) [HDAC1] - Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using [KO Validated] HDAC1 Rabbit mAb at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



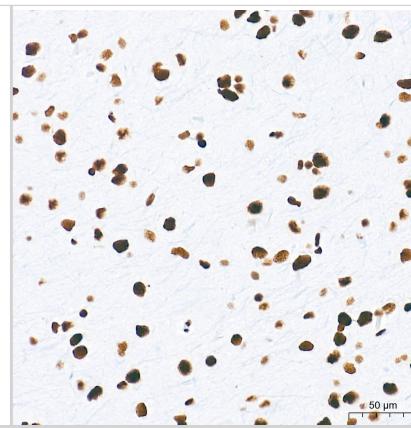
Immunohistochemistry: HDAC1 Antibody (2L6O7) [HDAC1] - Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using [KO Validated] HDAC1 Rabbit mAb at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



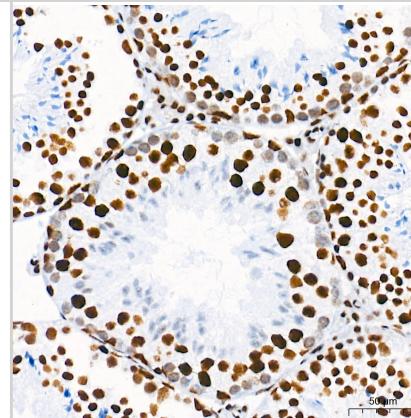
Immunohistochemistry: HDAC1 Antibody (2L6O7) [HDAC1] - Immunohistochemistry analysis of paraffin-embedded Mouse lung tissue using [KO Validated] HDAC1 Rabbit mAb at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



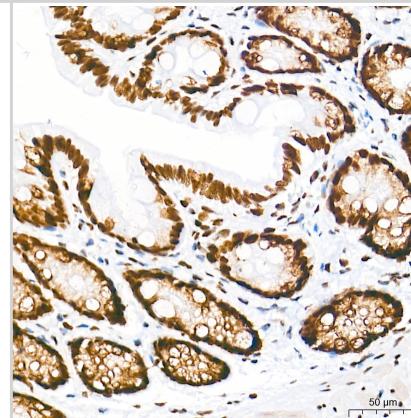
Immunohistochemistry: HDAC1 Antibody (2L6O7) [HDAC1] -
Immunohistochemistry analysis of paraffin-embedded Rat brain tissue
using [KO Validated] HDAC1 Rabbit mAb at a dilution of 1:2000 (40x
lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA
Buffer (pH 9.0) prior to IHC staining.



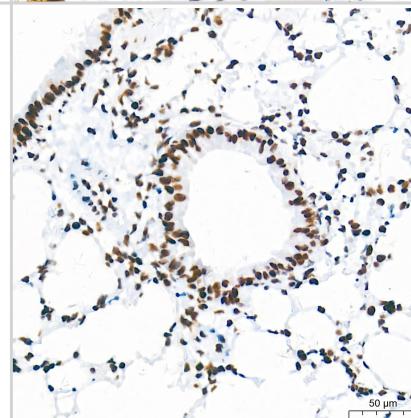
Immunohistochemistry: HDAC1 Antibody (2L6O7) [HDAC1] -
Immunohistochemistry analysis of paraffin-embedded Mouse testis
tissue using [KO Validated] HDAC1 Rabbit mAb at a dilution of 1:2000
(40x lens). High pressure antigen retrieval performed with 0.01M Tris-
EDTA Buffer (pH 9.0) prior to IHC staining.



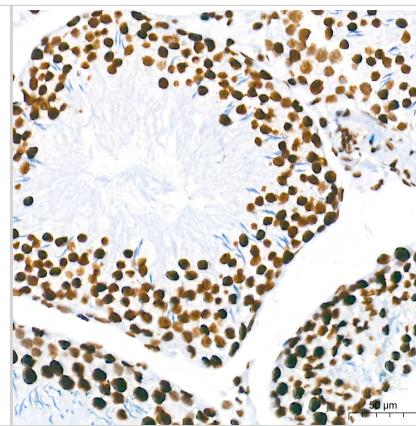
Immunohistochemistry: HDAC1 Antibody (2L6O7) [HDAC1] -
Immunohistochemistry analysis of paraffin-embedded Rat colon tissue
using [KO Validated] HDAC1 Rabbit mAb at a dilution of 1:2000 (40x
lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA
Buffer (pH 9.0) prior to IHC staining.



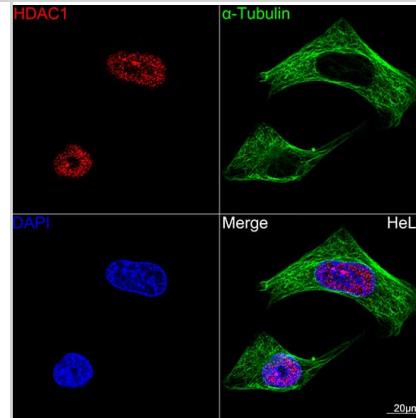
Immunohistochemistry: HDAC1 Antibody (2L6O7) [HDAC1] -
Immunohistochemistry analysis of paraffin-embedded Mouse lung tissue
using [KO Validated] HDAC1 Rabbit mAb at a dilution of 1:2000 (40x
lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA
Buffer (pH 9.0) prior to IHC staining.



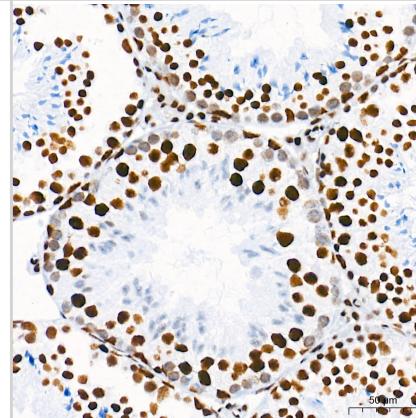
Immunohistochemistry: HDAC1 Antibody (2L6O7) [HDAC1] -
Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using [KO Validated] HDAC1 Rabbit mAb at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



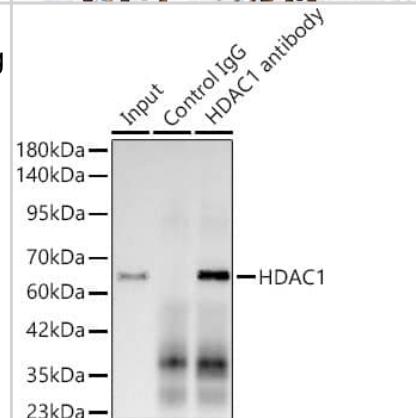
Immunocytochemistry/ Immunofluorescence: HDAC1 Antibody (2L6O7) [HDAC1] - Confocal imaging of HeLa cells using [KO Validated] HDAC1 Rabbit mAb . The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



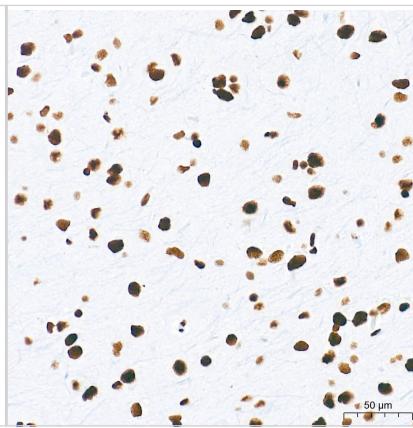
Immunohistochemistry: HDAC1 Antibody (2L6O7) [HDAC1] -
Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using [KO Validated] HDAC1 Rabbit mAb at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunoprecipitation: HDAC1 Antibody (2L6O7) [HDAC1] -
Immunoprecipitation analysis of 300ug extracts of 293T cells using 0.5ug HDAC1 antibody . Western blot was performed from the immunoprecipitate using HDAC1 antibody at a dilution of 1:1000.



Immunohistochemistry: HDAC1 Antibody (2L6O7) [HDAC1] -
Immunohistochemistry analysis of paraffin-embedded Rat brain tissue
using [KO Validated] HDAC1 Rabbit mAb at a dilution of 1:2000 (40x
lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA
Buffer (pH 9.0) prior to IHC staining.





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00003065-P01-10ug	Recombinant Human HDAC1 GST (N-Term) Protein

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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