

# Product Datasheet

## Histone Deacetylase 2/HDAC2 Antibody (SD0816) NBP2-67781

Unit Size: 100 ul

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

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**NBP2-67781****Histone Deacetylase 2/HDAC2 Antibody (SD0816)**

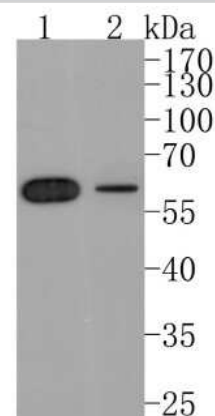
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SD0816
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	HDAC2
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human Histone Deacetylase 2/HDAC2 aa 1-150/488. (SwissProt: Q92769 Human; SwissProt: P70288 Mouse; Unigene: 1797 Rat)

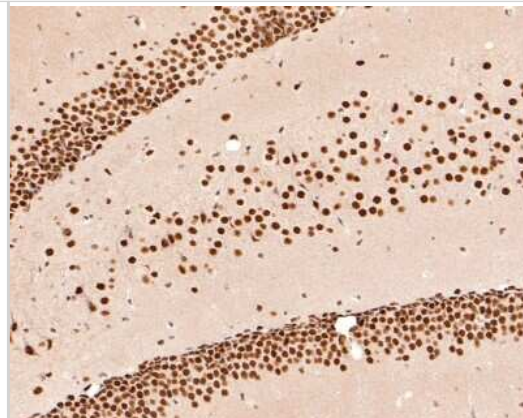
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, Immunoprecipitation, Immunohistochemistry-Paraffin 1:200-1:400

**Images**

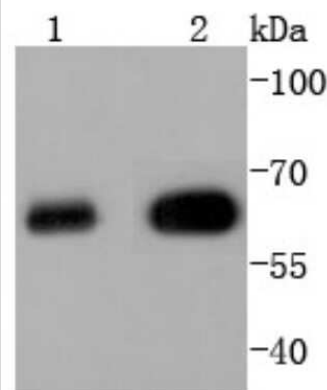
Western Blot: Histone Deacetylase 2/HDAC2 Antibody (SD0816) [NBP2-67781] - Analysis of Histone Deacetylase 2/HDAC2 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: HeLa cell lysate Lane 2: K562 cell lysate Predicted band size: 55 kDa Observed band size: 60 kDa



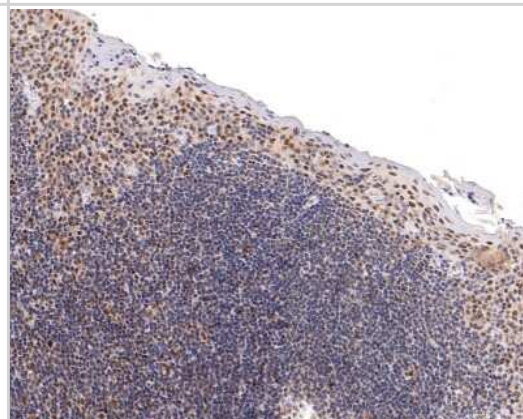
**Immunohistochemistry-Paraffin: Histone Deacetylase 2/HDAC2 Antibody (SD0816) [NBP2-67781]** - Analysis of paraffin-embedded mouse hippocampus tissue with Rabbit anti-Deacetylase 2/HDAC2 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



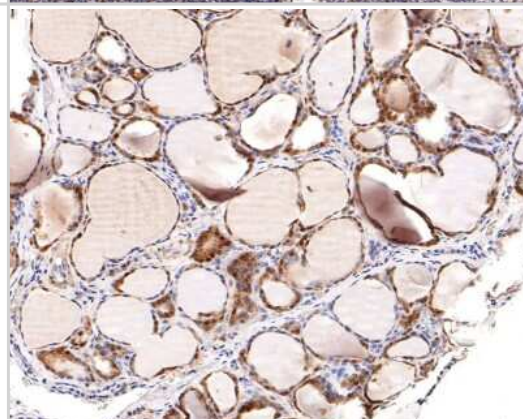
**Western Blot: Histone Deacetylase 2/HDAC2 Antibody (SD0816) [NBP2-67781]** - Analysis of HDAC2 on different lysates using anti-HDAC2 antibody at 1/1,000 dilution. Positive control: Lane 1: K562 Lane 2: Hela



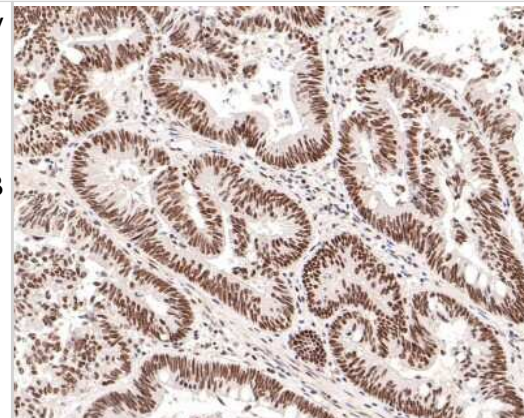
**Immunohistochemistry-Paraffin: Histone Deacetylase 2/HDAC2 Antibody (SD0816) [NBP2-67781]** - Analysis of paraffin-embedded human tonsil tissue with Rabbit anti-Histone Deacetylase 2/HDAC2 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



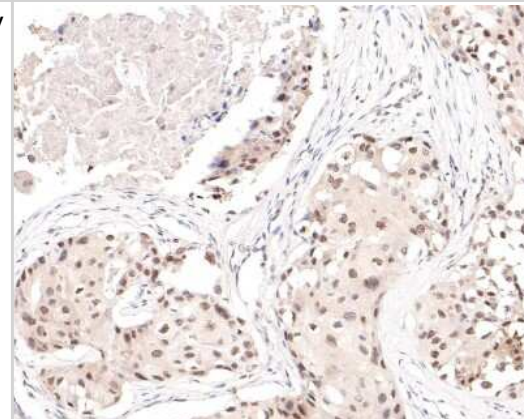
**Immunohistochemistry-Paraffin: Histone Deacetylase 2/HDAC2 Antibody (SD0816) [NBP2-67781]** - Analysis of paraffin-embedded human thyroid tissue with Rabbit anti-Deacetylase 2/HDAC2 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Histone Deacetylase 2/HDAC2 Antibody (SD0816) [NBP2-67781] - Analysis of paraffin-embedded human colon carcinoma tissue with Rabbit anti-Deacetylase 2/HDAC2 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Histone Deacetylase 2/HDAC2 Antibody (SD0816) [NBP2-67781] - Analysis of paraffin-embedded human breast carcinoma tissue with Rabbit anti-Histone Deacetylase 2/HDAC2 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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### **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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