

# Product Datasheet

## SETDB1 Antibody - BSA Free NBP1-84790

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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**NBP1-84790**

SETDB1 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	143 kDa

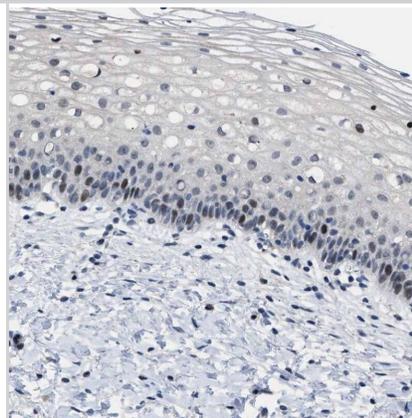
Product Description	
Description	Novus Biologicals Rabbit SETDB1 Antibody - BSA Free (NBP1-84790) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-SETDB1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9869
Gene Symbol	SETDB1
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23770855)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KLRFLIFFDDGYASYVTQSELYPICRPLKKTWEDIEDISCRDFIEEYVTAYPNRP MVLLKSGQLIKTEWEGTWWKSRVEEVDGSLVRILFLDDKRCEWIYRGSTRLEP MFSMKTSSASALEKKQGQLRTRPNMGAVRSKGPVVQYTQD

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

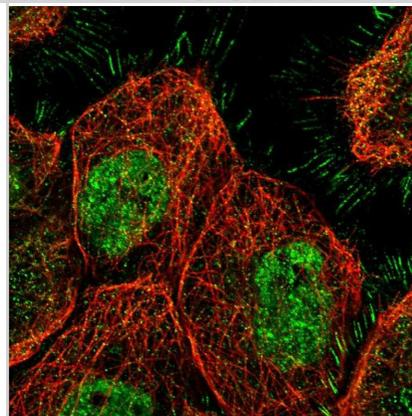


## Images

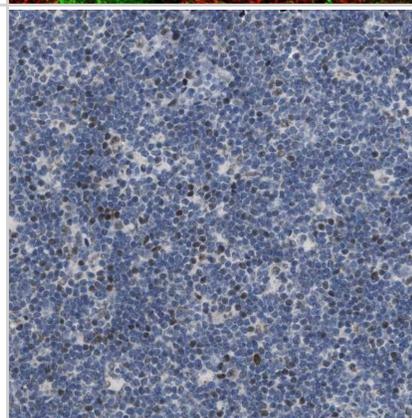
Staining of human cervix, uterine shows moderate nuclear positivity in squamous epithelial cells.



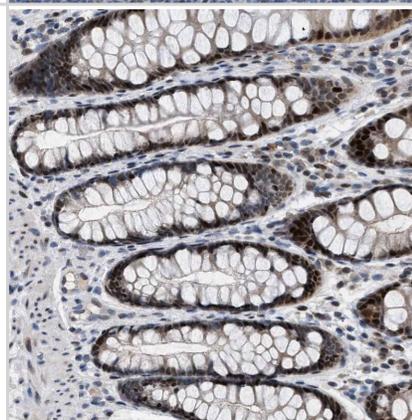
Staining of human cell line A-431 shows localization to nucleoplasm, plasma membrane & cytosol.



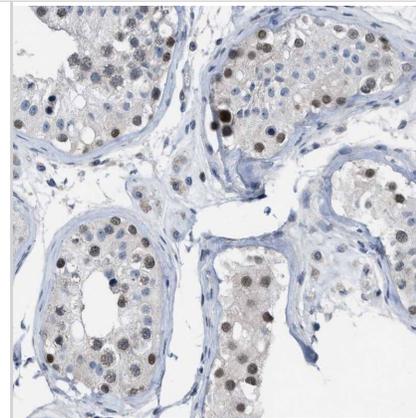
Staining of human lymph node shows moderate nuclear positivity in non-germinal center cells.



Staining of human colon shows strong nuclear positivity in glandular cells.



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



## Publications

Rodriguez-Paredes M, Martinez de Paz A, Simo-Riudalbas L et al. Gene amplification of the histone methyltransferase SETDB1 contributes to human lung tumorigenesis. *Oncogene* 2014-05-22 [PMID: 23770855]

Ceol CJ et al. The histone methyltransferase SETDB1 is recurrently amplified in melanoma and accelerates its onset. *Nature*;471(7339):513-7. 2011-03-24 [PMID: 21430779]



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### **Products Related to NBP1-84790**

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NBP1-84790PEP	SETDB1 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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### **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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