

Product Datasheet

DEC1 Antibody - BSA Free NBP2-47488

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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NBP2-47488

DEC1 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

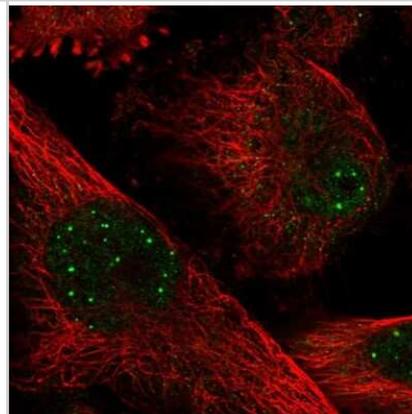
Product Description	
Description	Novus Biologicals Rabbit DEC1 Antibody - BSA Free (NBP2-47488) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8553
Gene Symbol	BHLHE40
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (86%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: GRRFTMGERIGAIKQESEEPPTKKNRMQLSDDEGHFTSSDLISSPFLGPHPHQ PPFCLPFYLIPPSATAYLPMLEKCWYPTSVPVLYPGLNASAAALSSFMNPKIS APLLMPQRLPSPLPAHPSVDSSVLLQ

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

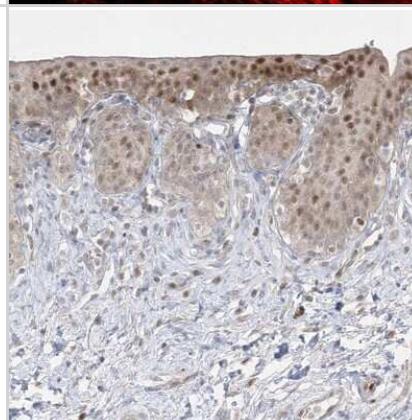


Images

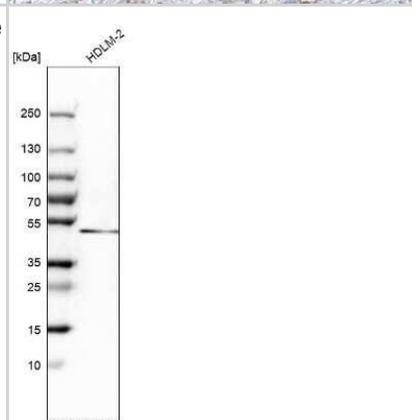
Immunocytochemistry/Immunofluorescence: DEC1 Antibody [NBP2-47488] - Immunofluorescent staining of human cell line U-251 MG shows localization to nuclear bodies.



Immunohistochemistry-Paraffin: DEC1 Antibody [NBP2-47488] - Staining of human urinary bladder shows moderate to strong nuclear positivity in urothelial cells.



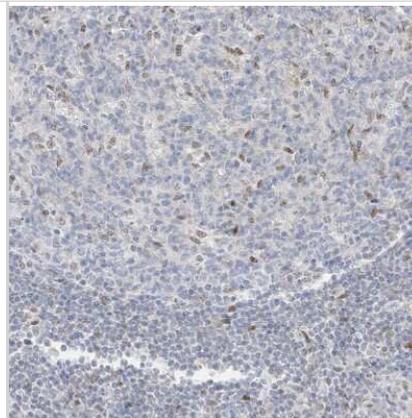
Western Blot: DEC1 Antibody [NBP2-47488] - Analysis in human cell line HDLM-2.



Immunohistochemistry-Paraffin: DEC1 Antibody [NBP2-47488] - Staining of human esophagus shows strong nuclear positivity in squamous epithelial cells.



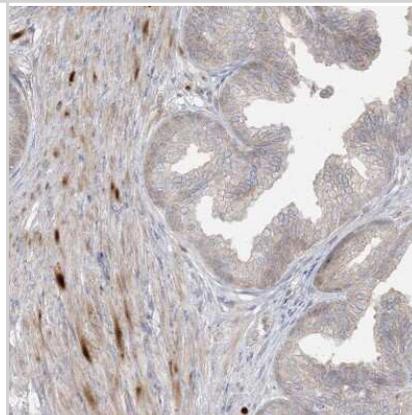
Immunohistochemistry-Paraffin: DEC1 Antibody [NBP2-47488] - Staining of human lymph node shows moderate nuclear positivity in a small subset of cells in non-germinal center.



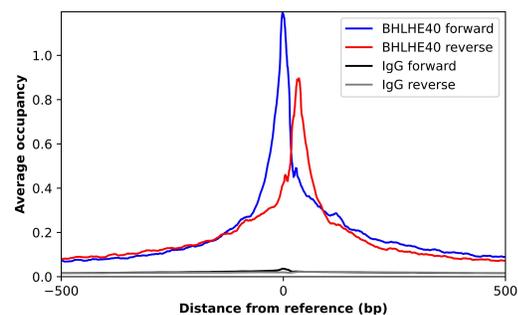
Immunohistochemistry: DEC1 Antibody [NBP2-47488] - Staining of human pancreas shows low positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: DEC1 Antibody [NBP2-47488] - Staining of human prostate shows moderate to strong nuclear positivity in smooth muscle cells.



ChIP-Exo-Seq composite graph for Anti-BHLHE40 (NBP2-47488) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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Products Related to NBP2-47488

NBP2-47488PEP	DEC1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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