

Product Datasheet

p66 alpha Antibody - BSA Free NBP1-87360

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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NBP1-87360

p66 alpha 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

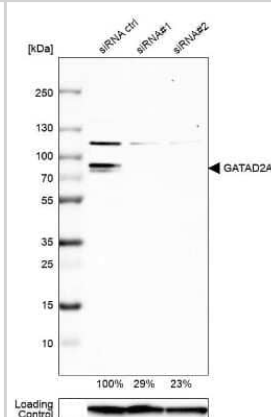
Product Description	
Description	Novus Biologicals Rabbit p66 alpha Antibody - BSA Free (NBP1-87360) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54815
Gene Symbol	GATAD2A
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LERDPTEDDVESKKIKMERGLLASDLNTDGD MRVTPEPGAGPTQGLLRATEAT AMAMGRGEGLVGDGPVDMRTSHSDMKSERPPSPDVIVLSDNEQPSSPRVN GLTTVALKETSTE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

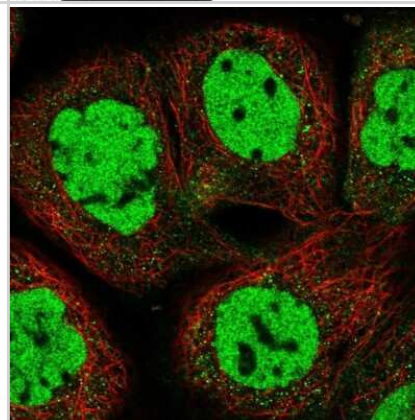


Images

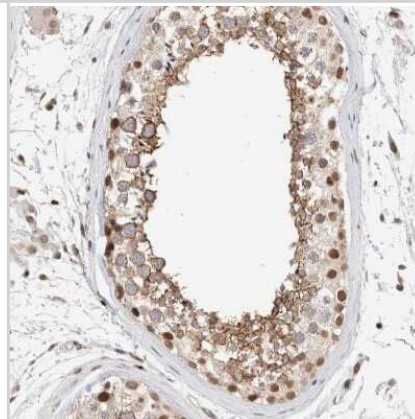
Western Blot: p66 alpha Antibody [NBP1-87360] - Analysis in U-138MG cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



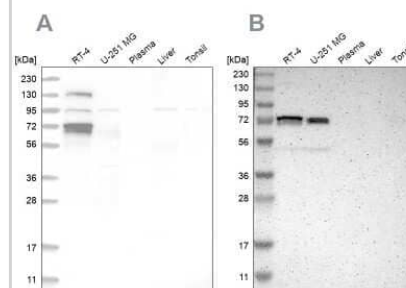
Immunocytochemistry/Immunofluorescence: p66 alpha Antibody [NBP1-87360] - Staining of human cell line A-431 shows localization to nucleoplasm. Antibody staining is shown in green.



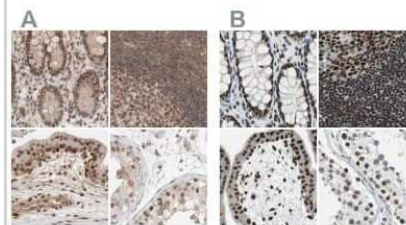
Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87360] - Staining of human testis shows moderate nuclear positivity in cells in seminiferous ducts.



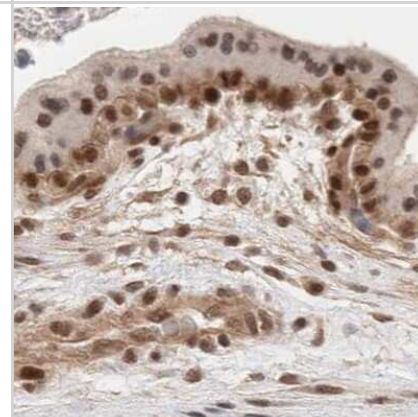
Western Blot: p66 alpha Antibody [NBP1-87360] - Analysis using Anti-GATAD2A antibody NBP1-87360 (A) shows similar pattern to independent antibody NBP1-87359 (B).



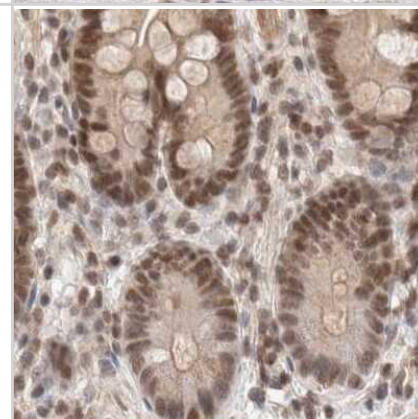
Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87360] - Staining of human colon, lymph node, placenta and testis using Anti-GATAD2A antibody NBP1-87360 (A) shows similar protein distribution across tissues to independent antibody NBP1-87359 (B).



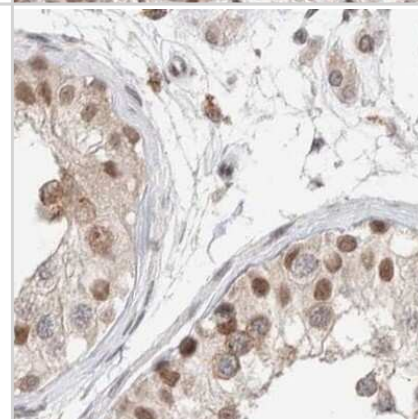
Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87360] - Staining of human placenta.



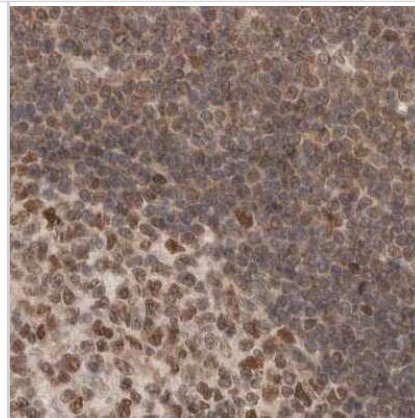
Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87360] - Staining of human colon.



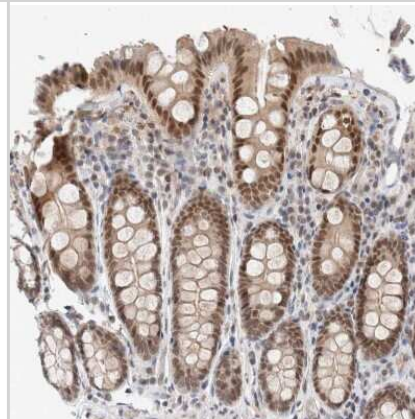
Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87360] - Staining of human testis.



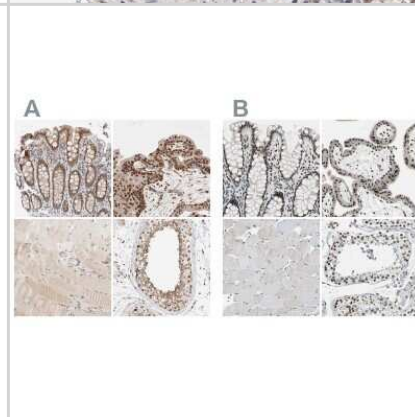
Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87360] - Staining of human lymph node.



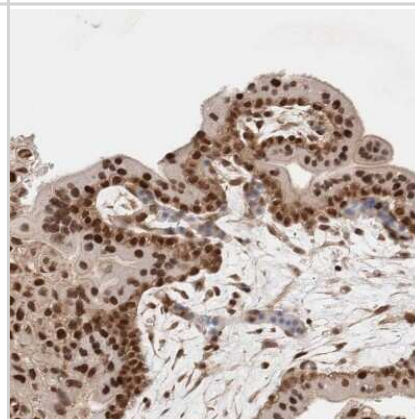
Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87360] - Staining of human colon shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87360] - Staining of human colon, placenta, skeletal muscle and testis using Anti-p66 alpha antibody NBP1-87360 (A) shows similar protein distribution across tissues to independent antibody NBP1-87359 (B).



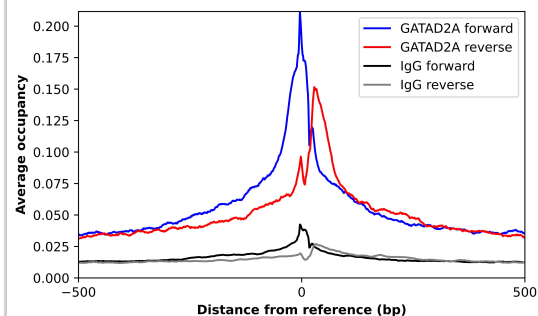
Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87360] - Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87360] - Staining of human skeletal muscle shows very weak positivity in myocytes as expected.



ChIP-Exo-Seq composite graph for Anti-GATAD2A (NBP1-87360) 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 NBP1-87360

NBP1-87360PEP	p66 alpha 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.

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