

Product Datasheet

p66 beta Antibody - BSA Free

NBP1-87358

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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NBP1-87358

p66 beta 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	65 kDa

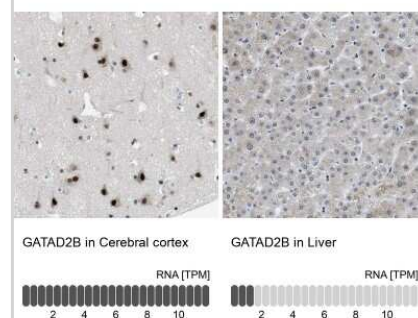
Product Description	
Description	Novus Biologicals Rabbit p66 beta Antibody - BSA Free (NBP1-87358) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-p66 beta Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	57459
Gene Symbol	GATAD2B
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NLEVPHELPTKQDGSVKGVEEKLNGNLRPHGDNRTAGRPGENINDEPVDMSARRSEPERGRLTPSPDIIVLSDNEASSPRSSSRMEERLKAANLEMFKGKGIEERQQLIKQLRDELRLEEARLV

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 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200, 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.

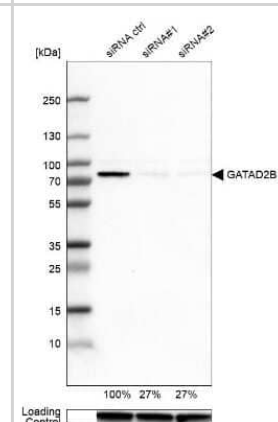


Images

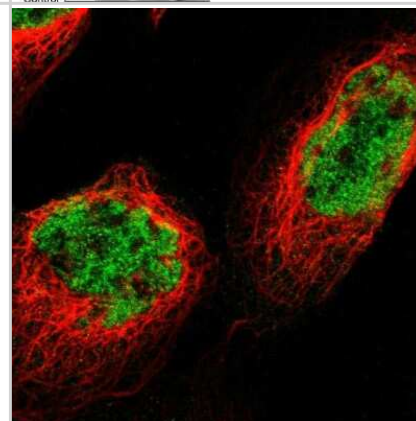
Immunohistochemistry-Paraffin: p66 beta Antibody [NBP1-87358] - Analysis in human cerebral cortex and liver tissues using NBP1-87358 antibody. Corresponding GATAD2B RNA-seq data are presented for the same tissues.



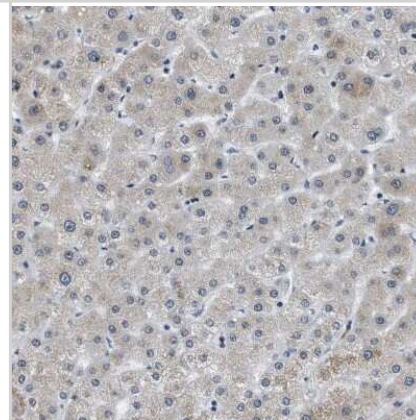
Western Blot: p66 beta Antibody [NBP1-87358] - Analysis in SK-BR-3 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-GATAD2B antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



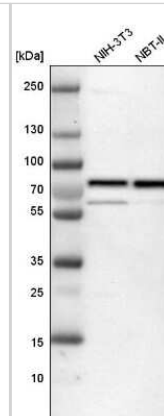
Immunocytochemistry/Immunofluorescence: p66 beta Antibody [NBP1-87358] - Immunofluorescent staining of human cell line A-431 shows localization to nucleoplasm.



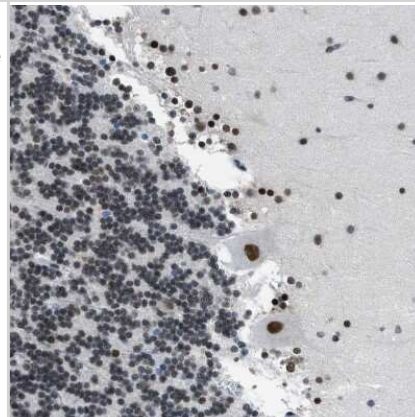
Immunohistochemistry-Paraffin: p66 beta Antibody [NBP1-87358] - Staining of human Liver shows very weak nuclear positivity in hepatocytes.



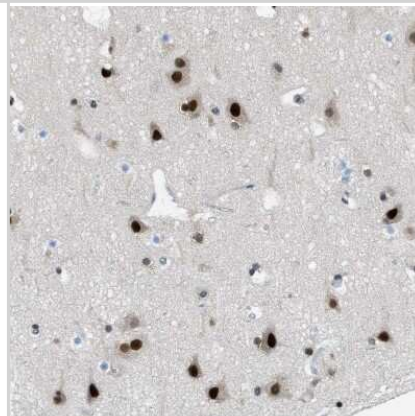
Western Blot: p66 beta Antibody [NBP1-87358] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



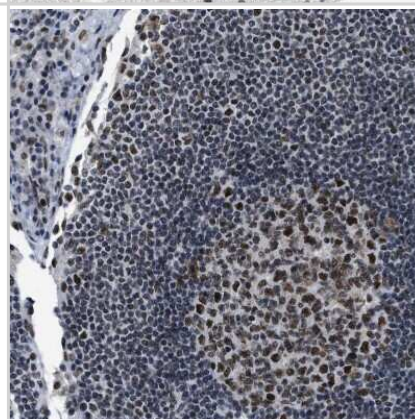
Immunohistochemistry-Paraffin: p66 beta Antibody [NBP1-87358] - Staining of human Cerebellum shows strong nuclear positivity in Purkinje cells.



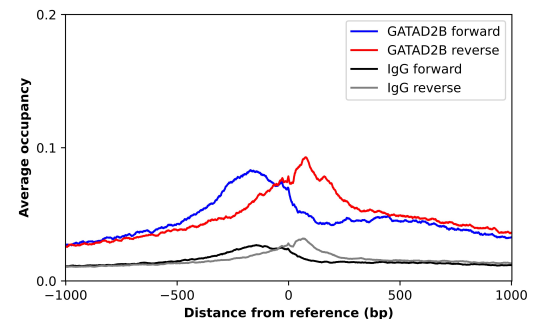
Immunohistochemistry-Paraffin: p66 beta Antibody [NBP1-87358] - Staining of human Cerebral cortex shows strong nuclear positivity in neuronal and glial cells.



Immunohistochemistry-Paraffin: p66 beta Antibody [NBP1-87358] - Staining of human Lymph node shows strong nuclear positivity in germinal and non-germinal center cells.



ChIP-Exo-Seq composite graph for Anti-GATAD2B (NBP1-87358) 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.



Publications

Usui N, Araujo DJ, Kulkarni A et al. Foxp1 regulation of neonatal vocalizations via cortical development *Genes Dev.* 2017-10-15 [PMID: 29138280] (Mouse)



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Products Related to NBP1-87358

NBP1-87358PEP	p66 beta 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

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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