

# Product Datasheet

## GABPA Antibody - BSA Free

### NBP1-84942

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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**NBP1-84942**

GABPA 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

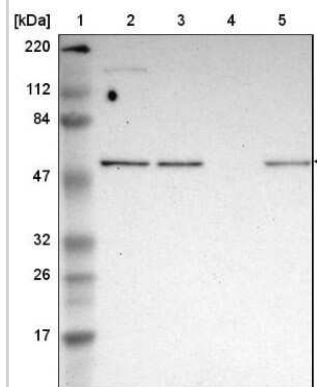
Product Description	
Description	Novus Biologicals Rabbit GABPA Antibody - BSA Free (NBP1-84942) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-GABPA Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2551
Gene Symbol	GABPA
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24753418)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EELIEIEIDGTEKAECTEESIVEQTYAPAECVSQAIDINEPIGNLKKLLEPRLQCSL DAHEICLQDIQLDPERSLFDQGVKTDGTVQLSVQVVISYQGIEPKLNILEIVKPADT VEVVIDPDAHHAESEAHLVVEEAQVITLDGTK

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
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, 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.

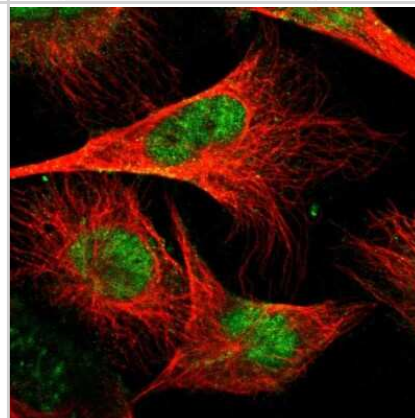


## Images

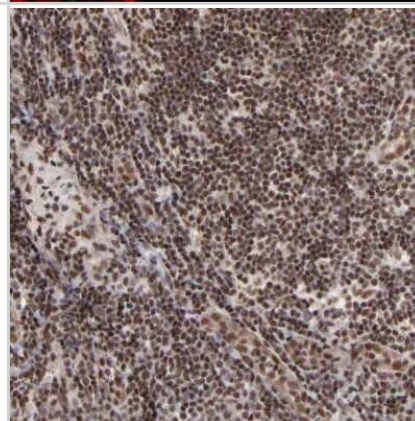
Western Blot: GABPA Antibody [NBP1-84942] - Lane 1: Marker [kDa] 220, 112, 84, 47, 32, 26, 17. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human liver tissue. Lane 5: Human tonsil tissue



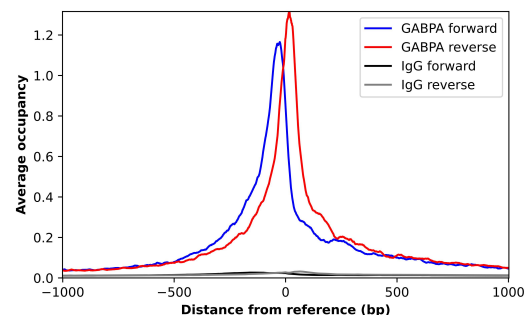
Immunocytochemistry/Immunofluorescence: GABPA Antibody [NBP1-84942] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: GABPA Antibody [NBP1-84942] - Staining of human lymph node shows strong nuclear positivity in non-germinal center cells.



ChIP-Exo-Seq composite graph for Anti-GABPA (NBP1-84942) 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

Sharma NL, Massie CE, Butter F et al. The ETS family member GABPA modulates androgen receptor signalling and mediates an aggressive phenotype in prostate cancer. *Nucleic Acids Res* 2014-06-01 [PMID: 24753418]



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### **Products Related to NBP1-84942**

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NBP1-84942PEP	GABPA 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

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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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