

# Product Datasheet

## FKBP51/FKBP5 Antibody - BSA Free NBP1-84676

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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
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Updated 12/2/2025 v.20.1

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**NBP1-84676**

FKBP51/FKBP5 Antibody - BSA Free

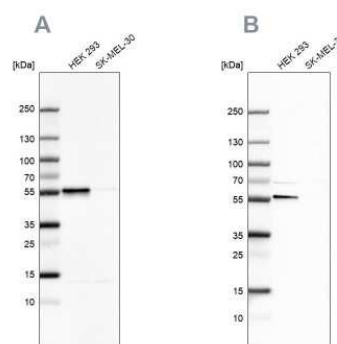
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit FKBP51/FKBP5 Antibody - BSA Free (NBP1-84676) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-FKBP51/FKBP5 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2289
Gene Symbol	FKBP5
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SAKGDFEKVLEVNPNQNKAAARLQISM CQKKAKEHNERDRRIYANMFKKFAEQDA KEEANKAMGKKTSEGV TNE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
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
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

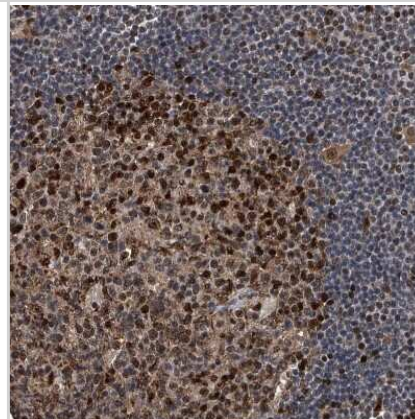
Western Blot: FKBP51/FKBP5 Antibody [NBP1-84676] - Analysis using Anti-FKBP5 antibody NBP1-84676 (A) shows similar pattern to independent antibody NBP1-84677 (B).



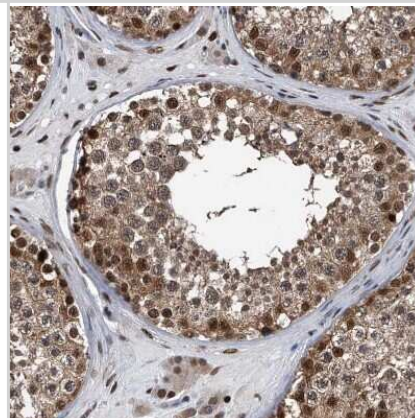
Immunohistochemistry-Paraffin: FKBP51/FKBP5 Antibody [NBP1-84676]  
- Staining of human skeletal muscle shows strong nuclear positivity in myocytes.



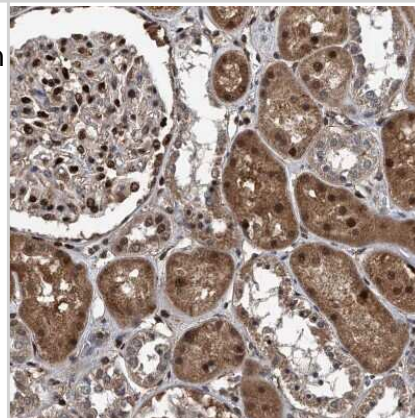
Immunohistochemistry-Paraffin: FKBP51/FKBP5 Antibody [NBP1-84676]  
- Staining of human lymph node shows moderate to strong nuclear positivity in germinal center cells.



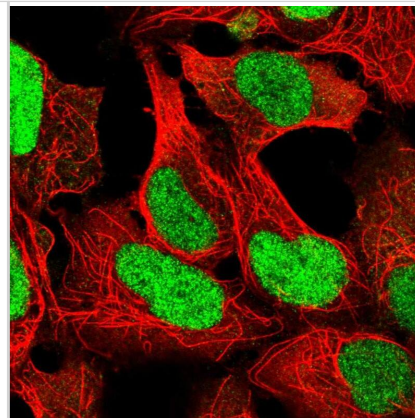
Immunohistochemistry-Paraffin: FKBP51/FKBP5 Antibody [NBP1-84676]  
- Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



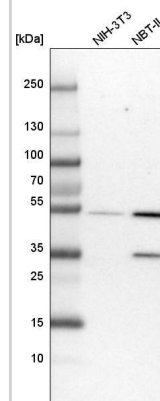
Immunohistochemistry-Paraffin: FKBP51/FKBP5 Antibody [NBP1-84676]  
- Staining of human kidney shows moderate to strong nuclear positivity in cells in tubules.



Staining of human cell line HEK 293 shows localization to nucleoplasm.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



## Publications

Kwon HS, Kim YE, Park HH et al. Neuroprotective Effects of GV1001 in Animal Stroke Model and Neural Cells Subject to Oxygen-Glucose Deprivation/Reperfusion Injury *Journal of Stroke* 2021-09-30 [PMID: 34649386] (Western Blot)

Kim MJ, Choi GE, Chae CW et al. Melatonin-mediated FKBP4 downregulation protects against stress-induced neuronal mitochondria dysfunctions by blocking nuclear translocation of GR *Cell death & disease* 2023-02-21 [PMID: 36810730] (WB, Human)



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### **Products Related to NBP1-84676**

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NBP1-84676PEP	FKBP51/FKBP5 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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