

# Product Datasheet

## FAM163A Antibody - BSA Free NBP1-88324

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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### Publications: 1

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Updated 12/2/2025 v.20.1

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**NBP1-88324**

FAM163A 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

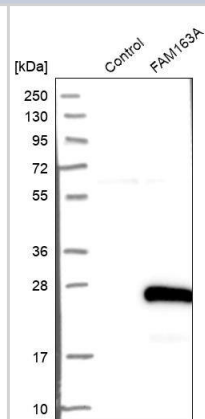
Product Description	
Description	Novus Biologicals Rabbit FAM163A Antibody - BSA Free (NBP1-88324) is a polyclonal antibody validated for use in IHC and WB. Anti-FAM163A Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	148753
Gene Symbol	FAM163A
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%), Rat (85%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YYCCKKSGTEVADEEEEREHDLPTHPRGPTCNACSSQALDGRGSLAPLTSEP CSQPCGVAASHCTTCSPYSSPFYIRTADMVPNGGGGERLSFAPTYYYKEGGPP SLKLAAPQSYPTWPGSGREAFTNPRAIST

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

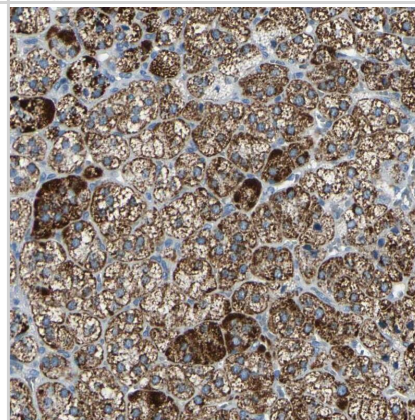


## Images

Analysis in control (vector only transfected HEK293T lysate) and FAM163A over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Staining of human adrenal gland shows strong cytoplasmic positivity in glandular cells.



## Publications

Linder SJ, Bernasocchi T, Martínez-Pastor B et al. Inhibition of the proline metabolism rate-limiting enzyme P5CS allows proliferation of glutamine-restricted cancer cells *Nature metabolism* 2023-11-13 [PMID: 37957387]



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### **Products Related to NBP1-88324**

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NBP1-88324PEP	FAM163A 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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