

# Product Datasheet

## DUSP22 Antibody - BSA Free

### NBP1-83078

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

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Updated 9/9/2025 v.20.1

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**NBP1-83078**

DUSP22 Antibody - BSA Free

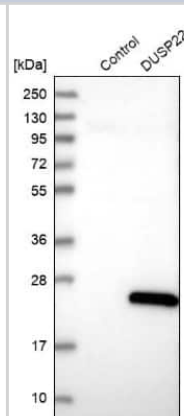
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit DUSP22 Antibody - BSA Free (NBP1-83078) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-DUSP22 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	56940
Gene Symbol	DUSP22
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GVSRSVTLVIAYIMTVTDFGWEDALHTVRAGRSCANPNVGFQRQLQEFEKHEV HQYRQWLKEEYGESPLQDAEEAKNILAAPGILKFW

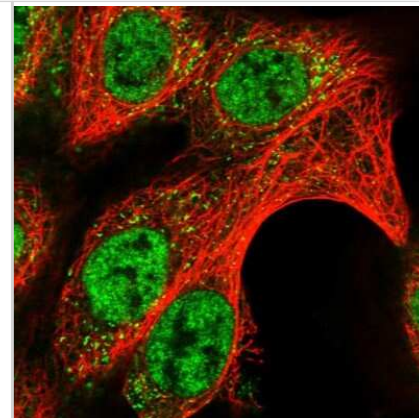
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500-1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

Western Blot: DUSP22 Antibody [NBP1-83078] - Analysis in control (vector only transfected HEK293T lysate) and DUSP22 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



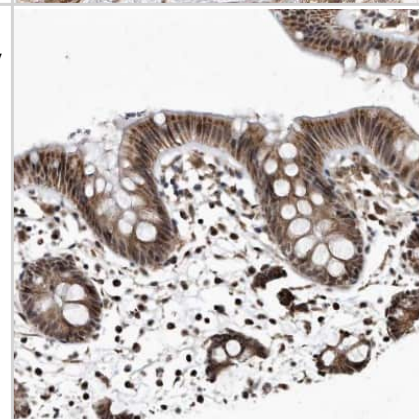
Immunocytochemistry/Immunofluorescence: DUSP22 Antibody [NBP1-83078] - Staining of human cell line A-431 shows localization to nucleoplasm & vesicles. Antibody staining is shown in green.



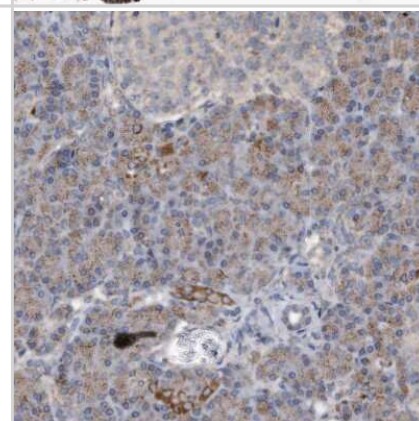
Immunohistochemistry-Paraffin: DUSP22 Antibody [NBP1-83078] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



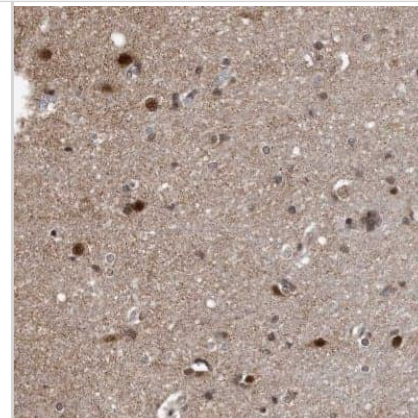
Immunohistochemistry-Paraffin: DUSP22 Antibody [NBP1-83078] - Staining of human colon shows moderate to strong cytoplasmic positivity in glandular cells.



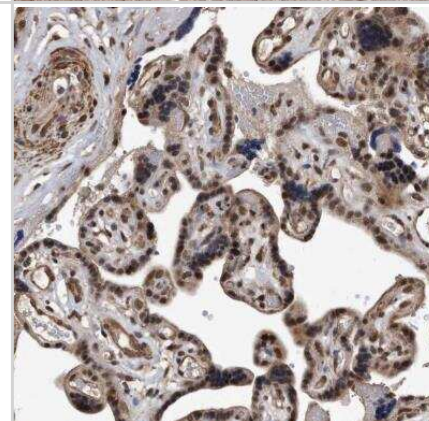
Immunohistochemistry-Paraffin: DUSP22 Antibody [NBP1-83078] - Staining of human pancreas shows very weak cytoplasmic positivity in exocrine glandular cells.



Immunohistochemistry-Paraffin: DUSP22 Antibody [NBP1-83078] - Staining of human cerebral cortex shows moderate to strong nuclear positivity in neurons.



Immunohistochemistry-Paraffin: DUSP22 Antibody [NBP1-83078] - Staining of human placenta shows moderate to strong nuclear positivity in trophoblastic cells.



## Publications

Chen J, Kang G, Lei W et al. DUSP22 suppresses tumor progression by directly dephosphorylating AKT in non-small cell lung cancer Molecular carcinogenesis 2023-11-08 [PMID: 37937915]

Ge C, Tan J, Dai X et al. Hepatocyte phosphatase DUSP22 mitigates NASH-HCC progression by targeting FAK Nature communications 2022-10-08 [PMID: 36209205] (IHC-P)



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### **Products Related to NBP1-83078**

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NBP1-83078PEP	DUSP22 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

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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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