

# Product Datasheet

## Dfna5 Antibody NBP2-80426

Unit Size: 100 ul

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: 3

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**NBP2-80426**

Dfna5 Antibody

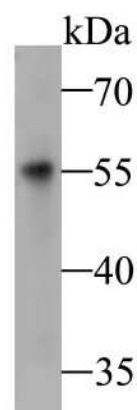
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH7.4), 0.2% BSA, 50% Glycerol
Target Molecular Weight	55 kDa

Product Description	
Description	Novus Biologicals Rabbit Dfna5 Antibody (NBP2-80426) is a polyclonal antibody validated for use in IHC, WB and Flow. Anti-Dfna5 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1687
Gene Symbol	GSDME
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human Dfna5 aa 1-220 / 496. (SwissProt: O60443 Human; SwissProt: Q9Z2D3 Mouse)

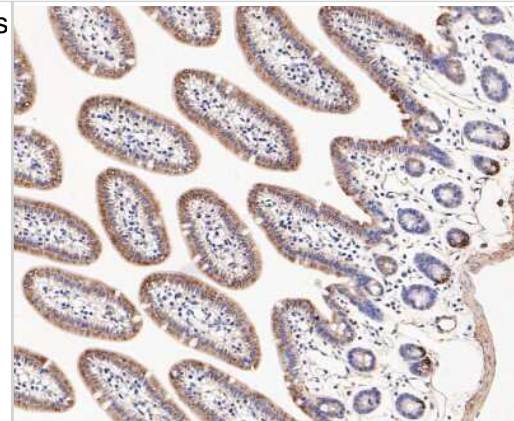
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

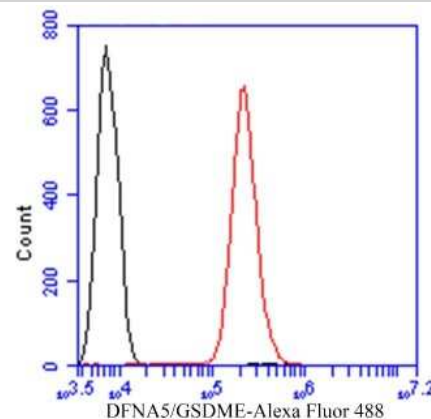
Western Blot: Dfna5 Antibody [NBP2-80426] - Analysis of Dfna5 on SiHa cell lysate. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (NBP2-80426, 1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature.



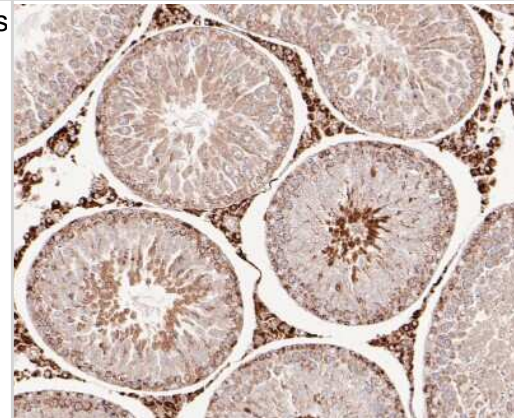
**Immunohistochemistry-Paraffin: Dfna5 Antibody [NBP2-80426]** - Analysis in mouse small intestine tissue using Dfna5 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature.



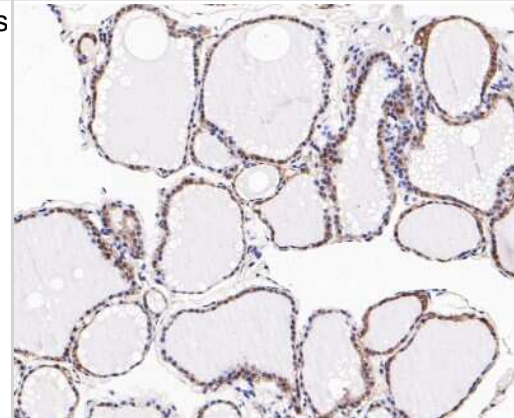
**Flow Cytometry: Dfna5 Antibody [NBP2-80426]** - Analysis of Methionine Aminopeptidase 2/METAP2 was done on SiHa cells. The cells were fixed, permeabilized and stained with the primary antibody (1/50) (red). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated Goat anti-Rabbit IgG Secondary antibody at 1/1000 dilution for 30 minutes. Unlabeled sample was used as a control (cells without incubation with primary antibody; black).



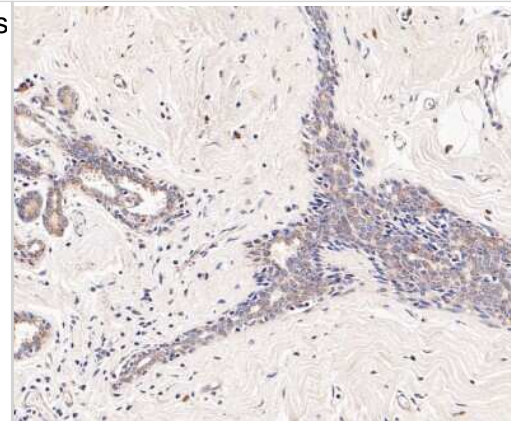
**Immunohistochemistry-Paraffin: Dfna5 Antibody [NBP2-80426]** - Analysis in rat testis tissue using Dfna5 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed



**Immunohistochemistry-Paraffin: Dfna5 Antibody [NBP2-80426]** - Analysis in human thyroid gland tissue using Dfna5 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature.



Immunohistochemistry-Paraffin: Dfna5 Antibody [NBP2-80426] - Analysis in human breast tissue using Dfna5 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, wash



## Publications

Huairui Shi, Yang Gao, Zhen Dong, Ji'e Yang, Rifeng Gao, Xiao Li, Shuqi Zhang, Leilei Ma, Xiaolei Sun, Zeng Wang, Feng Zhang, Kai Hu, Aijun Sun, Junbo Ge GSDMD-Mediated Cardiomyocyte Pyroptosis Promotes Myocardial I/R Injury Circulation Research 2021-06-15 [PMID: 34015941]

Jia, Y;Feng, B;Ji, X;Tian, X;Zhao, L;Zhou, J;Zhang, W;Li, M;Fei, Y;Wu, X; Complement factor H attenuates TNF- $\alpha$ -induced inflammation by upregulating EIF3C in rheumatoid arthritis Journal of translational medicine 2023-11-23 [PMID: 37996918]

Jia Y, Feng B, Ji X et al. Complement Factor H attenuates TNF- $\alpha$ -induced inflammation by upregulating EIF3C in rheumatoid arthritis Research Square 2023-09-19 (WB, Human)



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### **Products Related to NBP2-80426**

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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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