

# Product Datasheet

## **GAS41 Antibody - BSA Free**

### **NBP3-38243-100ul**

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-38243](http://www.novusbio.com/NBP3-38243)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-38243](http://www.novusbio.com/reviews/destination/NBP3-38243)



**NBP3-38243-100ul**

GAS41 Antibody - BSA Free

**Product Information**

|                                |                                                                                             |
|--------------------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 100 ul                                                                                      |
| <b>Concentration</b>           | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>                 | Store at -20C. Avoid freeze-thaw cycles.                                                    |
| <b>Clonality</b>               | Polyclonal                                                                                  |
| <b>Preservative</b>            | 0.02% Sodium Azide                                                                          |
| <b>Isotype</b>                 | IgG                                                                                         |
| <b>Purity</b>                  | Affinity purified                                                                           |
| <b>Buffer</b>                  | PBS (pH 7.3), 50% glycerol                                                                  |
| <b>Target Molecular Weight</b> | 26 kDa                                                                                      |

**Product Description**

|                    |                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit GAS41 Antibody - BSA Free (NBP3-38243) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                                                                              |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene ID</b>     | 8089                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Gene Symbol</b> | YEATS4                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>   | <p>Recombinant fusion protein containing a sequence corresponding to amino acids 1-227 of human GAS41 (NP_006521.1).</p> <p>Sequence:<br/> MFKRMAEFGPDSSGGRVKGVTIVKPIVYGNVARYFGKKREEDGHTHQWTVYVK<br/> PYRNEDMSAYVKKIQFKLHESYGNPLRVVTKPPYEITETGWGEFEIIKIFFIDPN<br/> ERPVTLYHLLKLFQSDTNAMLGKKTVVSEFYDEMIFQDPTAMMQQLLTTSRQL<br/> TLGAYKHETEFAELEVKTREKLEAAKKTSFEIAELKERLKASRETINCLKNEIRK<br/> LEEDDQAKDI</p> |

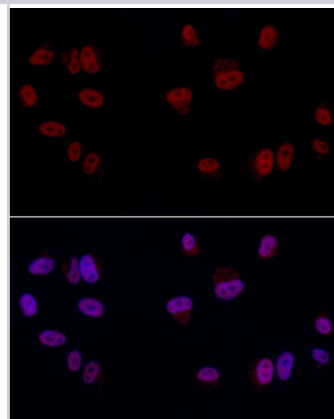
**Product Application Details**

|                              |                                                                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                           |
| <b>Recommended Dilutions</b> | Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200 |

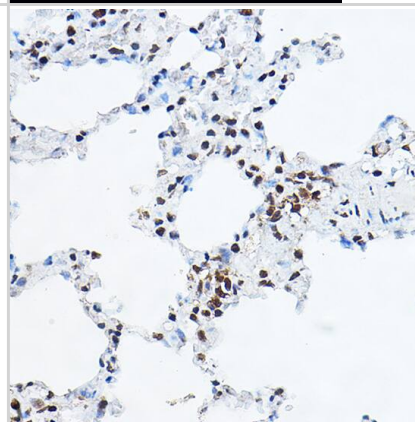


## Images

**Immunocytochemistry/ Immunofluorescence:** GAS41 Antibody [NBP3-38243] - Immunofluorescence analysis of A-549 cells using GAS41 Rabbit pAb at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



**Immunohistochemistry:** GAS41 Antibody [NBP3-38243] - Immunohistochemistry analysis of paraffin-embedded Rat lung using GAS41 Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



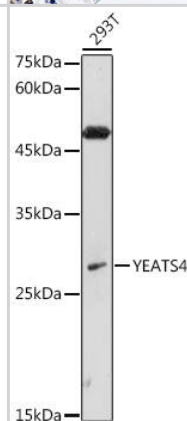
**Western Blot:** GAS41 Antibody [NBP3-38243] - Western blot analysis of lysates from 293T cells, using GAS41 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

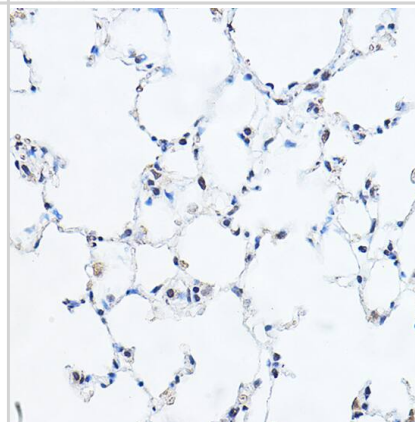
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit.

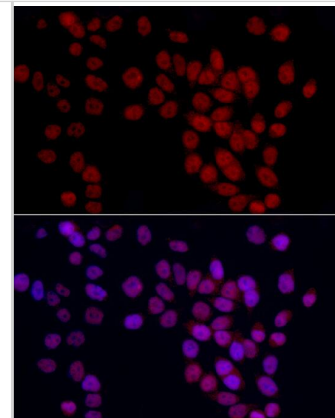
Exposure time: 180s.



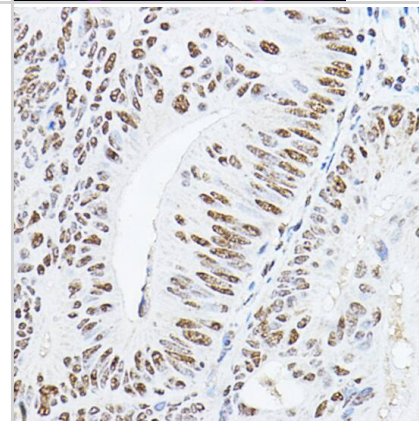
**Immunohistochemistry:** GAS41 Antibody [NBP3-38243] - Immunohistochemistry analysis of paraffin-embedded Mouse lung using GAS41 Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



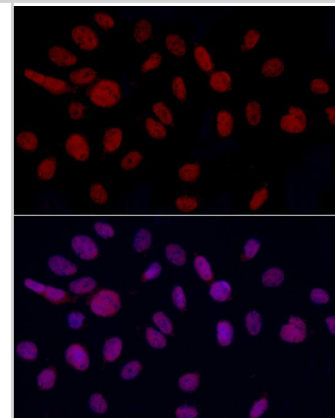
Immunocytochemistry/ Immunofluorescence: GAS41 Antibody [NBP3-38243] - Immunofluorescence analysis of HeLa cells using GAS41 Rabbit pAb at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry: GAS41 Antibody [NBP3-38243] - Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using GAS41 Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: GAS41 Antibody [NBP3-38243] - Immunofluorescence analysis of U2OS cells using GAS41 Rabbit pAb at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-38243-100ul**

---

|             |                                                     |
|-------------|-----------------------------------------------------|
| 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                          |

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-38243](http://www.novusbio.com/reviews/submit/NBP3-38243)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

